



TETRA TECH

August 9, 2016

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**Subject: Phase I Targeted Brownfields Assessment
1302 Locust Street
Carter Lake, Pottawattamie County, Iowa
EPA Region 7, START 4, Contract No. EP-S7-13-06, Task Order No. 0002.019.022
Task Monitor: Todd Davis, Site Assessment Manager**

Dear Mr. Davis:

Tetra Tech, Inc. is submitting the enclosed Phase I Targeted Brownfields Assessment (TBA) report regarding the property at 1302 Locust Street in Carter Lake, Iowa. The goal of the TBA is to identify recognized environmental conditions (REC), historical RECs, and controlled RECs associated with the subject property. This TBA was completed in accordance with industry standard practice for Phase I Environmental Site Assessments.

If you have any questions or comments regarding this submittal, please call the Project Manager at (816) 412-1768.

Sincerely,

Kaitlyn Bahr

Kaitlyn Bahr
START Project Manager

Ted Faile
for Ted Faile, PG, CHMM
START Program Manager

Enclosures

cc: Debra Dorsey, START Project Officer (cover letter only)

PHASE I TARGETED BROWNFIELDS ASSESSMENT

**1302 LOCUST STREET
CARTER LAKE, IOWA**

Superfund Technical Assessment and Response Team (START) 4

Contract No. EP-S7-13-06, Task Order No. 0002.019.022

Prepared For:

U.S. Environmental Protection Agency
Region 7
11201 Renner Blvd.
Lenexa, Kansas 66219

August 9, 2016

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EXECUTIVE SUMMARY

The Tetra Tech, Inc. (Tetra Tech) Region 7 Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division to conduct a Phase I Targeted Brownfields Assessment (TBA) of an approximately 9-acre property at 1302 Locust Street, in the northwest portion of Section 21, Township 75 North, Range 44 West, in Carter Lake, Pottawattamie County, Iowa (subject property). The subject property has historically been used as a gas station, a residential property, and a commercial use that is unknown. Although exact dates of historical uses of the subject property are unknown, based on historical aerial photographs, the subject property was used as a gas station from sometime between 1938 and 1949 until sometime between 2006 and 2007. A residential structure on the west central portion of the subject property and what appears to be a commercial structure were present on the south central portion of the subject property from sometime between 1960 and 1970 until sometime between 1982 and 2005. The property is currently vacant with no structures.

The Omaha Tribe of Nebraska requested assistance under the TBA program from EPA Region 7 to assess current environmental conditions at the subject property. START generally conducted this TBA in accordance with the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM International (ASTM) International designation E 1527-13 (ASTM 2013), and otherwise in compliance with EPA's "All Appropriate Inquiries" Rule (AAI Rule) (40 *Code of Federal Regulations* [CFR] Part 312).

Purposes of the TBA were to identify recognized environmental conditions (REC), historical RECs (HREC), and controlled RECs (CREC) associated with the subject property, and to identify the nature of contamination and risks posed by the contamination, if present.

Findings and Opinions

The following findings and opinions resulted from the TBA, primarily based on interviews and examination of historical documentation:

- The subject property was listed in the Iowa (IA) Leaking Underground Storage Tank (LUST), IA Underground Storage Tank (UST), IA Financial Insurance, IA Recovered Government Archive (RGA) LUST, US Brownfields, Facility Index System/Facility Registry System (FINDS), and Enforcement & Compliance History Information (ECHO) databases. Tetra Tech contacted the Iowa Department of Natural Resources (IDNR) for additional information regarding listings for the subject property. According to Ms. Bonnie Garrison and Mr. Matt Graesch, IDNR Project Managers, the subject property was historically used as a gas station since the 1930s and had one

300-gallon and one 500-gallon gasoline USTs. The two orphaned tanks were found during work at East Locust Street in 2011. The tanks were removed in May 2011. High levels of petroleum contamination were identified in the soil and groundwater during the removal. Groundwater sampling during a Phase II Environmental Site Assessment (ESA) in July 2016 found light non-aqueous phase liquid (LNAPL) in wells. The final report of the July 2016 Phase II is due at the end of August (see Appendix D). Based on historical use of the subject property and known petroleum contamination, these listings pose a REC and a vapor encroachment condition (VEC) to the subject property.

- The subject property is part of the Omaha Lead National Priorities List (NPL) site. The Omaha Lead site is a former lead smelting site that operated from the early 1870s until 1996. The subject property is within the boundaries of the Omaha Lead Site. Known widespread lead contamination associated with the Omaha Lead site poses a REC to the subject property.
- The 1655 East Locust Street/ Abbott Airport Parking Garage and Car Wash facility was listed in the IA ALLSITES, NE UST, and NE LUST databases. The facility is at 1491-1655 East Locust Street, adjacent to and south of the subject property. Based on information from the IDNR Contaminated Sites Database, the site historically hosted a LUST and landfill. In 1988, it began operations as Abbott Parking, which provided surface parking for travelers using the Omaha Airport. The site is not currently in use; however, the parking lot is still present. High levels of lead and arsenic were found in the soil on site, and arsenic was detected in groundwater; however, according to IDNR, the site is currently used for an asphalt parking lot that reportedly covers the site. In addition to the soil contamination, one exceedance of the statewide standard for arsenic in groundwater was detected. Because no known receptors are nearby, the arsenic detected in groundwater does not appear to pose a threat to human health at this time. IDNR has not required any additional investigation at this time (IDNR 2016). Based on the known high levels of lead and arsenic at this adjacent site, this listing poses a REC to the subject property.
- The Kwik Shop #520 facility was listed in the IA LUST, IA UST, and IA SPILLS databases. The facility is at 1202 E Locust Street, approximately 255 feet west-southwest of the subject property. This facility has two LUST records. One record has been closed, but the other is still listed as high risk. Based on close proximity to the subject property and known contamination on site, this listing poses a REC and a VEC to the subject property.
- The Former Clapp's Services Station was listed in the IA LUST database. The facility is at 902 East Locust Street, approximately 0.225 mile west of the subject property. One 540-gallon diesel UST was removed on December 14, 1998, and one 560-gallon waste oil UST was removed on December 14, 1998. The facility is listed as a high risk LUST site. Based on distance from the subject property and regulatory status, this listing poses a REC to the subject property.
- The Lakeside Auto Recyclers facility was listed in the IA Brownfields, IA ALLSITES, and US Brownfields databases. The facility is at 2813 North 9th Street, approximately 0.259 mile west-southwest of the subject property. However, according to Google Earth, the eastern boundary of this facility is actually 415 feet west-southwest of the subject property. According to the IDNR Contaminated Sites database, the facility has been used as a salvage yard since the 1960s. Soil and groundwater contamination are present on the property from leaking automobiles, the car crusher, and possibly from aboveground storage tanks (AST) with no secondary containment (IDNR 2016). Based on known contamination at this facility, this listing poses a REC and a VEC to the subject property.

- The Paxton 7 Vierling Steel Company was listed in the IA ALLSITES database. The facility is at 501 Avenue H, approximately 0.490 mile southwest of the subject property. However, according to Google Earth, this facility is actually 0.390 mile southwest of the subject property. According to the IDNR Contaminated Sites database, groundwater contamination present on site is likely from the two neighboring bulk petroleum storage facilities—Magellan Pipeline to the south and Sapp Brothers to the west. Both facilities have significant levels of petroleum contamination on their properties (IDNR 2016). Based on the upgradient location and known widespread contamination in the area, this listing poses a REC to the subject property.

Recommendations

Because conclusions of this Phase I TBA are based primarily on a review of available public records, and according to accepted practices, no official judgment about levels or extent of contamination associated with any site can occur without conducting an environmental investigation that includes sampling and chemical analysis, START recommends a Phase II TBA of the subject property to confirm or eliminate the RECs identified in the Phase I investigation. The Phase II TBA should include the following:

- Collect surface and subsurface soil samples for laboratory analyses. Analyze the samples for volatile organic compounds (VOC), semivolatile organic compounds (SVOC), total petroleum hydrocarbons (TPH), and metals.
- Collect groundwater samples from temporary wells for laboratory analyses. Analyze the samples for VOCs, SVOCs, TPHs, and total and dissolved metals.

1.0 INTRODUCTION

The Tetra Tech, Inc. (Tetra Tech) Region 7 Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division to conduct a Phase I Targeted Brownfields Assessment (TBA) of an approximately 3-acre property at 1302 Locust Street in the northwest quarter of Section 21, Township 75 North, Range 44 West, in Carter Lake, Pottawattamie County, Iowa (subject property). The subject property is owned by the Omaha Tribe of Nebraska. The subject property has historically been used as a gas station, a residential property, and for unknown commercial use. Although exact dates of historical uses of the subject property are unknown, historical aerial photographs show that the subject property was historically used as a gas station from sometime between 1938 and 1949 until sometime between 2006 and 2007. A residential structure on the west central portion of the subject property and an apparent commercial structure on the south central portion of the subject property were present from sometime between 1960 and 1970 until sometime between 1982 and 2005. The property is currently vacant with no structures.

START conducted this TBA in accordance with the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM International (ASTM) designation E1527-13 (ASTM 2013), and otherwise in compliance with EPA's "All Appropriate Inquiries" Rule (AAI Rule) (Title 40 *Code of Federal Regulations* [CFR] Part 312). For the purpose of this TBA, the *users* are defined as EPA and the Omaha Tribe of Nebraska (Omaha Tribe) (ASTM 2013 [Section 3.2.98]). EPA tasked START to conduct a TBA of the subject property to identify (1) recognized environmental conditions (REC), historical RECs (HREC), and controlled RECs (CREC) associated with the property; and (2) the nature of contamination and risks posed by the contamination, if present (see Appendix A).

1.1 PURPOSE

The primary goal of this TBA is to identify RECs, HRECs, and CRECs to the subject property. A REC is presence or likely presence of any hazardous substance or petroleum product in, on, or at a subject property: (1) due to any release to the environment, (2) under conditions indicative of a release to the environment, or (3) under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products, even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies (ASTM 2013

[Section 1.1.1]). An HREC is a past release of any hazardous substance or petroleum product that has occurred in connection with the subject property, and has been addressed to the satisfaction of the applicable regulatory authority, or has met unrestricted use criteria established by a regulatory authority without subjecting the subject property to any required controls (ASTM 2013 [Section 3.2.42]). A CREC is a REC resulting from a past release of hazardous substances of petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (ASTM 2013 [Section 3.2.18]).

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

1.2 SCOPE OF WORK

EPA developed a scope of work (SOW) for TBA activities at the subject property. The SOW, based on ASTM designation E1527-13, was to identify RECs, HRECs, and CRECs to the subject property. Phase I TBAs typically are conducted in a four-phase process, including: (1) records review, (2) site reconnaissance; (3) interviews with current and previous owners and occupants of the subject property, adjacent property owners and occupants, and local government agencies; and (4) preparation of a report. The EPA SOW is in Appendix A.

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

1.3 SIGNIFICANT ASSUMPTIONS

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

1.4 DEVIATIONS

Deletions or deviations from ASTM E 1527-13 or the SOW are as follows. For each deviation noted, the Tetra Tech Environmental Professional (EP) has conducted an analysis of the data gaps or failures, and impacts of these on Tetra Tech's ability to render an opinion regarding conditions indicative of releases or threatened releases of petroleum products or hazardous substances.

- No interviews with adjacent property owners or occupants other than Omaha Tribe of Nebraska personnel were conducted. ASTM Practice E 1527-13 does not require interviews with adjacent property owners unless a property has been abandoned and potential unauthorized uses or evidence of uncontrolled access to the abandoned property is evident. Documentation and observations indicate that the subject property is currently used by the Omaha Tribe of Nebraska for meetings and other activities. The EP believes that information obtained from other adjacent property owners or occupants likely would not be additional to that obtained from other resources.
- Tetra Tech did not perform an environmental lien search for completion of this report, but no environmental liens were noted in the documentation provided by the users.

1.5 LIMITATIONS AND EXCEPTIONS

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

1.6 SPECIAL TERMS AND CONDITIONS

There were no special terms or conditions for the TBA.

1.7 STATEMENT OF USER RELIANCE

START is not required to verify independently the information provided to it by the user or gathered throughout the course of this TBA. For this TBA, EPA Region 7 and the Omaha Tribe may rely on information provided unless knowledge is possessed that certain information is incorrect based on additional information obtained during the TBA or otherwise known by the person preparing this report.

2.0 SITE LOCATION AND LEGAL DESCRIPTION

This section briefly describes the subject property and the physical setting based on information obtained from EPA Region 7, the Omaha Tribe of Nebraska, and a records review prior to the site reconnaissance. Observations during the site reconnaissance regarding current land uses at the subject property and adjoining properties are described in Section 4.0.

2.1 SITE LOCATION AND LEGAL DESCRIPTION

For the purposes of this TBA, the subject project is an approximately 9-acre vacant lot (see Appendix B, Figure 2). The property is owned by the Omaha Tribe of Nebraska. The subject property is at 1302 Locust Street in Carter Lake, Pottawattamie County, Iowa (see Appendix B, Figure 2).

The subject property is depicted on the U.S. Geological Survey (USGS) 7.5-minute series Omaha North, Nebraska topographic quadrangle map (USGS 1994) in the northwest portion of Section 21, Township 75 North, Range 44 West (see Figure 1, Appendix B). Coordinates at the approximate center of the subject property are 44° 17' 7.70" north latitude and 95° 54' 43.94" west longitude.

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The subject property is in a mixed use area in the southeast area of Carter Lake, Iowa. Figure 2 in Appendix B illustrates the subject property location and boundaries. The subject property is an approximately 9-acre vacant lot. The subject property is bounded north by Avenue K with residential development beyond; east by a Super 8 hotel, a former Dollar auto sales, with a lake beyond; south by a vacant lot with hotels beyond; and west by a bank and a Dollar General, with a Kwik Shop beyond. Uses of surrounding properties include residential, commercial, and light industrial.

2.3 CURRENT AND PAST USES OF THE SITE

The subject property is currently a vacant lot used for tribal meetings. A pipeline runs through the southwest portion of the subject property. Historically, the subject property was used as a gas station, a residential property, and an unknown commercial use. Although the exact date of original construction of the gas station is unknown, historical aerial photographs indicate that this occurred between 1938 and 1949. The gas station was demolished between 2006 and 2007.

No Sanborn Fire Insurance Maps that included the subject property were available. Historical aerial photographs show the subject property as undeveloped land in 1938. The southwest portion of the subject

property was used as a gas station from between 1938 and 1949 until sometime between 2006 and 2007. A residential structure on the west central portion of the subject property and what appears to a commercial structure were present on the south central portion of the subject property from sometime between 1960 and 1970 until sometime between 1982 and 2005.

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

Other than bleacher seats, no structures currently are on the subject property. A concrete pad is present on the southwest portion of the subject property and the south central portion of the subject property where the former gas station and commercial structure were located.

2.5 CURRENT AND PAST USES OF ADJOINING/SURROUNDING PROPERTIES

Areas surrounding the subject property were primarily undeveloped or used for agriculture purposes until sometime between 1960 and 1970, when residential development began to the north and southeast (based on historical aerial photographs). Current uses of the surrounding area are residential, commercial, and light industrial.

2.6 GEOLOGIC, HYDROGEOLOGIC, HYDROLOGIC, AND TOPOGRAPHIC CONDITIONS

The following sections describe the environmental setting of the subject property and surrounding area.

2.6.1 Topography

The subject property is depicted on the USGS 7.5-minute series Omaha North, Nebraska, topographic quadrangle map (USGS 1994); the subject property is approximately 980 feet above mean sea level (amsl). The topographic gradient of the area is generally flat, with a very gradual slope to the north toward the Missouri River (Environmental Data Resources Inc. [EDR] 2016a).

2.6.2 Geologic Setting

Pottawattamie County lies in the western portion of the Central Plains physiographic province. Geologic stratigraphy of the area consists of the Dakota Group, which consists of soft sandstone and shale of Cretaceous age, ranging in thickness from 10 to 100 feet. On the surface, some insignificant remnants of Tertiary deposits may be present, but these are otherwise covered directly by Quaternary sediments (Udden 1900).

According to the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil survey, soil at the subject property is Sarpy-Urban land complex (1 to 3 percent slopes). Sarpy-Urban land complex is excessively drained with a low available water capacity (USDA 2016).

2.6.3 Hydrogeology

Regionally, the subject property is within the Great Plains aquifer system, which is exposed at the land surface in a band that extends from south-central Kansas to northeastern Nebraska. This aquifer system consists of two sandstone aquifers in Cretaceous rocks, separated by a shale confining unit. Although the Great Plains aquifer system extends in the subsurface throughout Kansas and Nebraska, it contains saline water in many places north and west of the area where it is exposed. A thick confining unit composed of Cretaceous shale, chalk, and limestone formations overlies the Great Plains aquifer system and separates it from the High Plains aquifer in most places (USGS 1997).

A search of the USGS, Federal Reporting Data System (FRDS) Public Water Supply (PWS), and state databases identified 26 water wells within a 1-mile radius of the subject property (EDR 2016b). Presence of nearby water wells does not pose a REC to the subject property. During the site reconnaissance, no wells were identified on the subject property.

2.6.4 Hydrology

The subject property is in the Big Papillion-Mosquito Watershed (EPA 2016). Water on the subject property likely infiltrates the ground or goes toward storm drains on surrounding streets.

3.0 USER-PROVIDED INFORMATION

The following summarizes information provided by EPA Region 7 and the Omaha Tribe (users) regarding the TBA.

3.1 EXISTING STRUCTURE INFORMATION AND DRAWINGS

Other than bleacher seats, no structures currently are on the subject property.

3.2 SUMMARY OF TITLE INFORMATION

The subject property is owned by the Omaha Tribe of Nebraska.

3.3 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

No environmental liens or activity and use limitations (AUL) were identified by START in the information provided.

3.4 SPECIALIZED KNOWLEDGE

No previous investigations or reports are known.

3.5 OWNER, SITE MANAGER, AND OCCUPANT INFORMATION

The subject property is owned by the Omaha Tribe of Nebraska, represented by Mr. Maurice Johnson, Attorney General of the Omaha Tribe of Nebraska. The subject property is a vacant lot occasionally used by the Tribe for meetings and activities. Mr. Johnson is considered the key site manager for the subject property.

3.6 REASON FOR PERFORMING PHASE I TBA

This TBA was requested by EPA to provide an environmental assessment of the subject property. This TBA intends to satisfy one of the requirements for the innocent landowner defense to CERCLA liability: that is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the property consistent with good customary practice,” as defined in 42 *U.S. Code* §9601(35)(B).

4.0 SITE RECONNAISSANCE

START member Ms. Kaitlyn Bahr conducted the site reconnaissance on June 22, 2016. Access to the property was provided by Mr. Everett Baxter, Director of Land Management for the Omaha Tribe of Nebraska. Photographic documentation of the site reconnaissance is in Appendix C.

4.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance consisted of a visual inspection of the subject property in accordance with requirements set forth in 40 CFR Part 312. The purpose of the reconnaissance of the subject property was to seek out “conditions indicative of releases or threatened releases” as required by ASTM 1527-13.

START conducted the reconnaissance of the subject property for evidence of the following:

- Use, storage, treatment, disposal, or generation of hazardous substances, “controlled substances,” or petroleum products
- Landfills, dumps, or evidence of burial activities or solid waste disposal
- Aboveground storage tanks (AST), underground storage tanks (UST), drums, or containers capable of storing hazardous substances or petroleum products
- Transformers or other electrical or mechanical equipment potentially containing polychlorinated biphenyls (PCB)
- Evidence of petroleum-based heating fuel sources
- Drains, pits, sumps, cisterns, cesspools, or similar receptacles where liquids drain, collect, or are stored
- Pits, ponds, lagoons, or open pools likely to contain hazardous substances or petroleum products or waste
- Staining on pavement or areas of dead, distressed, discolored, or stained vegetation that may indicate RECs
- Grading or fill material that may indicate contaminated soils or dumping
- Chemical smells, petroleum gases, foul odors, wells, and/or other site-specific environmental conditions.

START mobilized to the subject property to observe current conditions and obtain additional information relevant to the TBA. START also observed the exteriors of adjacent and select nearby properties to assess presence of environmental concerns.

Any items listed in the ASTM method not identified in this section can be assumed not present. Likewise, any item mentioned but not identified as a REC can be assumed not a REC. General recommendations regarding the subject property are offered in Section 8.0.

4.2 GENERAL SITE SETTING

The following sections describe the subject property's current and past uses and exterior and interior features.

4.2.1 Site Description

The subject property covers approximately 9 acres owned by the Omaha Tribe of Nebraska. The subject property was historically used as a gas station, a residential structure, and a commercial structure.

4.2.2 Exterior Observations

The subject property is currently a vacant lot. Concrete pads are present at the southwest corner and south central portion of the subject property where former buildings were located. Bleachers and a stage are present at the center of the subject property, used for tribal activities and meetings. Figure 2 in Appendix B illustrates the site location and boundaries.

4.2.3 Interior Observations

The subject property is currently a vacant lot with no structures; therefore, no interior observations occurred.

4.3 SPECIFIC RECONNAISSANCE ITEMS

The following sections are related to items observed during the site reconnaissance:

4.3.1 Hazardous Substances and Petroleum Products

According to EDR, a pipeline runs through the southwest portion of the subject property; however, evidence of the pipeline was not observed during the site reconnaissance. Presence of the pipeline does not pose a REC to the subject property.

No other hazardous substances or petroleum products were observed during the site reconnaissance.

4.3.2 Hazardous Waste

No hazardous waste was observed on the subject property during the site reconnaissance.

4.3.3 Landfills, Dumps, Burials, or Solid Waste Disposal

Minor amounts of solid waste (plastic bottles and bags) were observed on the east central portion of the subject property near a brush pile. The solid waste observed is considered a di minimis condition. No industrial waste (for example, drums or batteries) was observed on the subject property. No other landfills, dumps, burials, or solid waste disposal was observed during the site reconnaissance.

4.3.4 Storage Tanks

Underground Storage Tanks

No visual evidence of past or present on-site USTs—including pipes, pumps, or stains—was apparent during the site reconnaissance.

Aboveground Storage Tanks

No ASTs were present during the site reconnaissance.

4.3.5 Polychlorinated Biphenyls-containing Equipment

Four pole-mounted transformers were observed on the western boundary of the subject property, and one pad-mounted transformer was observed immediately south of the subject property on the easement. The pad-mounted transformer had a “No PCBs” label and appeared to be in good condition. The pole-mounted transformers were not labeled with their PCB content; however, they appeared to be in good condition with no signs of leaking. Presence of the pole- and pad-mounted transformers does not pose a REC to the subject property.

4.3.6 Heating, Ventilation, and Air Conditioning System and Fuel Source

No heating or ventilation systems were observed on the subject property during the site reconnaissance.

4.3.7 Drains, Sumps, Pools of Liquids, Standing Water, Cisterns, and Cesspools

A large puddle was observed on the concrete pad on the southwest portion of the subject property from a rain event the night before. The puddle did not have an oil sheen or odor and therefore does not pose a REC to the subject property.

No other drains, sumps, pools of liquids, standing water, cisterns, or cesspools were observed on the subject property during the site reconnaissance.

4.3.8 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed on the subject property at the time of the site reconnaissance.

4.3.9 Stains or Corrosion and Stained Soil or Pavement

A small stain was observed beneath the tractor stored on the concrete pad on the south central portion of the subject property. The stain was relatively small and may have been water from the recent rain event. The concrete stain is considered di minimis.

No other stains or corrosion was observed on the subject property during the site reconnaissance.

4.3.10 Areas of Dead, Distressed, Discolored, or Stained Vegetation

Grass on the western portion of the subject property appears to be distressed or dormant; given the time of year, the grass likely is dormant due to heat and generally dry conditions.

No other areas of dead, distressed, discolored, or stained vegetation were observed on the subject property during the site reconnaissance.

4.3.11 Possible Fill, Grading, or Solid Waste Disposal

Other than the minor amounts of residential solid waste, no possible fill, grading, or solid waste disposal was observed at the subject property during the site reconnaissance.

4.3.12 Smells of Chemical Gases, Petroleum Products, or Noxious Odors

No smells of chemical gases or petroleum products were detected at the time of the site reconnaissance.

4.3.13 Wastewater and Stormwater Systems and Discharges

Stormwater at the subject property either infiltrates into the ground or flows toward storm drains along East Locust Street and North 13th Street.

4.3.14 Wells and Potable Water Supply

No dry, irrigation, injection, abandoned, or other wells were observed on the subject property.

4.3.15 Other Site-specific Environmental Conditions

No other site-specific environmental conditions were noted during the site reconnaissance.

4.4 VICINITY RECONNAISSANCE

The reconnaissance consisted of a survey of adjoining properties and land uses that could exert adverse environmental impacts on the subject property. The subject property is bounded north by Avenue K with residential development beyond; east by a Super 8 hotel, a former Dollar auto sales, with a lake beyond; south by a vacant lot with hotels, an auto repair shop (City Motor Super Shop), and an auto salvage yard (Lakeside Auto Recycling) beyond; and west by a bank and a Dollar General, with a Kwik Shop beyond.

5.0 INTERVIEWS

The objective of conducting interviews is to obtain information concerning RECs in connection with the subject property. This information was obtained verbally and in written form, as indicated below.

Interviewees were cooperative and forthcoming with information, unless otherwise specified. Interview documentation is in Appendix D.

5.1 INTERVIEW WITH OWNER

The subject property is owned by the Omaha Tribe of Nebraska. START interviewed Mr. Johnson, Omaha Tribe of Nebraska Attorney General, to identify past and current uses of the subject property (see Appendix D). According to Mr. Johnson, the subject property was once used as a gas station; however, he did not have any information regarding when it was used as gas station or who owned the property.

5.2 INTERVIEWS WITH KEY SITE MANAGER

Mr. Johnson is considered the key site manager of the subject property, and was interviewed as described above.

5.3 INTERVIEWS WITH CURRENT OCCUPANTS

Mr. Johnson is considered the current occupant of the subject property, and was interviewed as described above.

5.4 INTERVIEWS WITH PAST SITE OWNERS/OCCUPANTS

No interviews were conducted with past subject property owners or occupants, as they probably would not provide information to START not already provided by other sources.

5.5 INTERVIEWS WITH LOCAL/STATE GOVERNMENT OFFICIALS

Tetra Tech contacted the Carter Lake Fire Department for records of emergency response to the subject property. According to Mr. Phillip Newton, Fire Department Coordinator, no responses to the subject property have occurred within the last 10 years. Tetra Tech also contacted representatives of Iowa Department of Natural Resources (IDNR) (see Section 6.1.1).

6.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the subject property.

6.1 ENVIRONMENTAL RECORDS SOURCES

The following sources of environmental records were accessed and reviewed as part of this assessment.

6.1.1 Environmental Database Search

Federal, state, regional, and local records were reviewed to assess whether the subject property or facilities within the approximate minimum search distance have undergone significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects. EDR performed a database search of the subject property in accordance with the ASTM E 1527-13.

The databases searched have been developed and are updated by federal, state, and local agencies. While these databases are reliable and comprehensive, cases have occurred of data out of date and no longer reflective of actual facility conditions. The Government Records Searched/Data Currency Tracking section of the EDR report in Appendix E identifies when each database was updated.

A review of the facilities listed within the EDR-Radius Map with GeoCheck report revealed the following:

- The subject property was identified on the Iowa (IA) Leaking Underground Storage Tank (LUST), IA UST, IA Financial Insurance, IA Recovered Government Archive (RGA) LUST, US Brownfields, Facility Index System/Facility Registry System (FINDS), and Enforcement & Compliance History Information (ECHO) databases. Tetra Tech contacted IDNR for additional information regarding listings for the subject property. According to Ms. Bonnie Garrison and Mr. Matt Graesch, IDNR Project Managers, the subject property was historically used as a gas station since the 1930s and had one 300-gallon and one 500-gallon gasoline USTs. The two orphaned tanks were found during work on East Locust Street in 2011. The tanks were removed in May 2011. High levels of petroleum contamination were identified in the soil and groundwater during the removal. Groundwater sampling during a Phase II ESA in July 2016 found light non-aqueous phase liquid (LNAPL) in wells. The final report for the July 2016 Phase II is due at the end of August (see Appendix D). Based on historical use of the subject property and known petroleum contamination, these listings pose a REC to the subject property.
- The subject property is part of the Omaha Lead National Priorities List (NPL) site. The Omaha Lead site is a former lead smelting site that operated from the early 1870s until 1996. The subject property is within the boundaries of the Omaha Lead Site. Known widespread lead contamination associated with the Omaha Lead site poses a REC to the subject property.

- The 1655 East Locust Street/ Abbott Airport Parking Garage and Car Wash facility was listed in the IA ALLSITES, NE UST, and NE LUST databases. The facility is at 1491-1655 East Locust Street, adjacent to and south of the subject property. Based on information from the IDNR Contaminated Sites Database, the site historically hosted a LUST and landfill. In 1988, it began operations as Abbott Parking, which provided surface parking for travelers using the Omaha Airport. The site is not currently in use; however, the parking lot is still present. High levels of lead and arsenic were found in the soil on site, and arsenic was detected in groundwater; however, according to IDNR, the site is currently used for an asphalt parking lot that reportedly covers the site. In addition to the soil contamination, one exceedance of the statewide standard for arsenic in groundwater was detected. Because no known receptors are nearby, arsenic detected in groundwater does not appear to pose a threat to human health at this time. IDNR has not required any additional investigation at this time (IDNR 2016). Based on known high levels of lead and arsenic at this adjacent site, this listing poses a REC to the subject property.
- The Kwik Shop #520 facility was listed in the IA LUST, IA UST, and IA SPILLS databases. The facility is at 1202 E Locust Street, approximately 255 feet west-southwest of the subject property. This facility has two LUST records. One record has been closed, but the other is still listed as high risk. Based on close proximity to the subject property and known contamination on site, this listing poses a REC to the subject property.
- City Motor Center/City Motor Super Shop was listed in the EDR Historic (HIST) Automotive (Auto) database. The facility is at 1103 Locust Street, approximately 0.107 mile west-southwest of the subject property. The facility was listed as an automotive facility from as early as 2002 until as late as 2012. During the site reconnaissance, it appeared that the facility was still in operation. The facility is not listed on any other databases that would indicate a release or violation. Based on the regulatory status of the facility, this listing does not pose a REC to the subject property.
- The Magellan Pipe Line – Carter Lake facility was listed in the IA Leaking Aboveground Storage Tank (LAST) and IA ALLSITES databases. The facility is at 2205 North 11th Street, approximately 0.145 mile west-northwest. According to information obtained from the IDNR Contaminated Sites Database, known petroleum contamination is present on site from a pipeline break in July 2003. The leak resulted in release of 1,650 gallons of diesel fuel onto soil (IDNR 2016). Based on the relative flatness of this area, this listing does not pose a REC to the subject property.
- The City of Carter Lake facility was listed in the Resource Conservation and Recovery Act (RCRA) Non Generator (NonGen), Federal Insecticide, Fungicide, and Rodenticide Act/Toxic Substances Control Act (FTTS), HIST FTTS, and FINDS databases. The facility is at 950 Locust Street, approximately 0.148 mile west of the subject property. The site is not currently generating hazardous waste. A PCB inspection was performed on October 23, 1990, and the facility is listed in the National Compliance Database and RCRAInfo database. No violations were noted in any of the databases cited above. Based on the regulatory status of this facility, this listing does not pose a REC to the subject property.
- The Plibrico facility was listed in the IA UST database. The facility is at 2815 North 11th Street, approximately 0.150 mile west-northwest of the subject property. However, according to Google Earth, the facility is 0.87 mile west of the subject property. The facility has one UST that is not in use. No other information was provided by EDR; however, the site was not listed in any other databases that would indicate a release. Therefore, this listing does not pose a REC to the subject property.

- The Carter Lake Quick Stop facility was listed in the IA LUST and IA UST databases. The facility is at 1001 Locust Street, approximately 0.157 mile west-southwest of the subject property. The facility has four USTs no longer in use and four USTs currently in use. The facility's LUST is listed as requiring no further action as of October 20, 2006. Based on the regulatory status of this facility, this listing does not pose a REC to the subject property.
- The Former Clapp's Services Station was listed in the IA LUST database. The facility is at 902 East Locust Street, approximately 0.225 mile west of the subject property. One 540-gallon diesel UST was removed on December 14, 1998, and one 560-gallon waste oil UST was removed on December 14, 1998. The facility is listed as a high risk LUST site. Based on distance from the subject property and the regulatory status, this listing poses a REC to the subject property.
- The Easy Car Leasing LLC, DBS Budget Rent a Car, was listed in the NE UST database. The facility is at 1755 East Locust Street, approximately 0.243 mile east of the subject property. The facility has one 8,000-gallon #2 diesel UST and two 8,000-gallon regular unleaded USTs currently in use. The facility is not listed in any other databases that would indicate a release or violation. Based on the regulatory status of the facility, this listing does not pose a REC to the subject property.
- The Holiday Inn Express facility was listed in the IA ALLSITES database. The facility is at 2510 Abbott Plaza, approximately 0.252 mile south of the subject property. According to the IDNR Contaminated Sites database, the site received a no further action letter on May 1, 2006 (IDNR 2016). Based on the regulatory status, this listing does not pose a REC to the subject property.
- The Lakeside Auto Recyclers facility was listed in the IA Brownfields, IA ALLSITES, and US Brownfields databases. The facility is at 2813 North 9th Street, approximately 0.259 mile west-southwest of the subject property. However, according to Google Earth, the eastern boundary of this facility is actually 415 feet west-southwest of the subject property. According to the IDNR Contaminated Sites database, the facility has been used as a salvage yard since the 1960s. Soil and groundwater contamination are present on the property from leaking automobiles, the car crusher, and possibly from ASTs with no secondary containment (IDNR 2016). Based on the known contamination at this facility, this listing poses a REC to the subject property.
- The Praxair Distribution Inc. facility was listed in the IA Permitted Solid Waste Management Facilities (SWF/LF) database. The facility is at 1100 H Avenue, approximately 0.290 mile south-southwest of the subject property. The facility is a closed industrial landfill. The landfill accepted industrial gases including argon, nitrogen, oxygen, carbon dioxide, and propane. Based on distance from the subject property and type of waste accepted, this facility does not pose a REC to the subject property.
- The Thrifty Car Rental facility was listed in the NE LUST database. The facility is at 2323 Abbott Drive, approximately 0.299 mile south of the subject property. The facility received a no further action letter regarding the LUST, and is listed as closed. Based on distance from the subject property and the regulatory status, this listing does not pose a REC to the subject property.
- The Hamilton Property facility was listed in the IA LUST and US Brownfields databases. The facility is at 823 Locust Street, approximately 0.303 mile west of the subject property. The site was formerly Hamilton's Standard Amoco Gas Station. No further information was available via EDR. Based on relative flatness of this area, this listing does not pose a REC to the subject property.

- The O&P Warehouse facility was listed in the IA ALLSITES database. The facility is at 900 Avenue H, approximately 0.322 mile southwest of the subject property. According to the IDNR Contaminated Sites database, the facility received a no further action letter on February 1, 2006 (IDNR 2016). Based on the regulatory status, this listing does not pose a REC to the subject property.
- The Carter White Lead North Site was listed in the NE Institutional Control database. The site is at 2107 East Locust Street, approximately 0.406 mile east of the subject property. The property has a restrictive covenant for soil that prohibits construction/demolition activities without approval. Notification of residual contamination to anyone who may conduct subsurface activities is required. Soil disturbance or excavation without approval is prohibited. The facility must also maintain engineering controls. Based on the institutional controls in place and distance from the subject property, this listing does not pose a REC to the subject property.
- The Former Carter White Lead Site/MOWECO Inc., Former Carter White Lead Site was listed in the US Brownfields database. The site is at 2717 N 21st Street East, approximately 0.427 mile east-southeast of the subject property. The site historically hosted a blacksmith, carpenter, lumber room, chemical warehouse, and Carter White Lead Company. Currently, the site is utilized by Fleet Pride, a supplier of heavy-duty truck and trailer parts. A Phase II ESA by Tetra Tech EM Inc. in December 2012 revealed concentrations of metals, semivolatile organic compounds (SVOC), volatile organic compounds (VOC), and organochlorine pesticides exceeding EPA and Nebraska Department of Environmental Quality (NDEQ) risk levels. Limited sampling confirmed the RECs identified during the Phase I TBA, but did not delineate the full extent of contamination. In groundwater, free product may be present floating on the water table in the vicinity of the former creosote tanks and in the vicinity of the oil-water separator drain between the Fleet pride building and sand blast shed. Further characterization was recommended (Tetra Tech EM Inc. 2012). Based on relative flatness of this area, this listing does not pose a REC to the subject property.
- The Holt 4-T Service facility was identified on the NE LUST database. The facility is at 2716 N 22nd Street East, approximately 0.479 mile east-southeast of the subject property. The facility received a no further action letter regarding the LUST, and is listed as closed. Based on distance from the subject property and the regulatory status, this listing does not pose a REC to the subject property.
- The Paxton 7 Vierling Steel Company was listed in the IA ALLSITES database. The facility is at 501 Avenue H, approximately 0.490 mile southwest of the subject property. However, according to Google Earth, this facility is actually 0.390 mile southwest of the subject property. According to the IDNR Contaminated Sites database, groundwater contamination present on site is likely from the two neighboring bulk petroleum storage facilities—Magellan Pipeline to the south and Sapp Brothers to the west. Both facilities have significant levels of petroleum contamination on their properties (IDNR 2016). Based on the upgradient location and known widespread contamination in the area, this listing poses a REC to the subject property.
- The D&R Auto Sales 1 facility was listed in the US Brownfield Database. The facility is at 506 and 516 Locust Street, approximately 0.492 mile west of the subject property. The facility was used as a gas station, but no further information was provided by EDR. Based on relative flatness of this area, this listing does not pose a REC to the subject property.
- The Monarch Oil Co. was listed in the NE SHWS database. The facility is at 2200 Avenue H East, approximately 0.536 mile east-southeast of the subject property. This facility is a bulk

petroleum storage facility. Based on relatively flatness of this area, this listing does not pose a REC to the subject property.

- The Milko Tool and Die Inc. was listed in the NE SHWS database. The facility is at 2405 N 11th Street, approximately 0.957 mile west-southwest of the subject property. No further information was provided via EDR. Based on relatively flatness of this area, this listing does not pose a REC to the subject property.
- The Magellan Pipeline Company LP was listed in the NE SHWS database. The facility is at 2505 N 11th Street, approximately 0.969 mile west-southwest of the subject property. No further information was provided via EDR. Based on relative flatness of this area, this listing does not pose a REC to the subject property.
- The Acetylene Gas Plant was listed in the NE SHWS database. The facility is at 902 Grace Street, approximately 0.983 mile southwest of the subject property. No further information was provided via EDR. Based on relatively flatness of this area, this listing does not pose a REC to the subject property.
- The EDR report identified 11 “orphan” facilities which, because of poor or inadequate address information, could not be mapped by EDR. Based on the on-line mapping resource and information obtained during the site reconnaissance, two of the orphan facilities were identified within the approximate minimum search distances for the subject property:
 - The Locust Street Drums site is at 12th and Locust, 60 feet east of the subject property. According to a Tetra Tech Phase I ESA report regarding a nearby site, the Locust Street Drum site is listed in the Comprehensive Environmental Response, Compensation, and Liability Information System No Further Remedial Action Planned (CERC-NFRAP) database. This site is an abandoned drums site, reported as cleaned up in July 2002, and archived in November 2006 (Tetra Tech 2014). Based on the status of the Locust Street Drums site, this listing does not pose a REC to the subject property.
 - The Carter White Lead North Site was listed in the NE SHWS and NE Brownfields databases. As discussed above, based on the institutional controls in place and relative flatness of this area, this listing does not pose a REC to the subject property.

6.1.2 Vapor Encroachment Screen

Tetra Tech completed an initial vapor encroachment screen to determine if a vapor encroachment condition (VEC) exists in the subsurface below any proposed subject property structures from hazardous substances, petroleum, and petroleum products that can include VOCs, SVOCs, and inorganic volatile compounds. The Tier 1 non-invasive vapor encroachment screen assessed presence of the chemicals of concern within the following approximate recommended minimum search distances specified in ASTM E 2600-10 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* (ASTM 2010):

Area of Concern Approximate Minimum Search Distances Surrounding the Subject Property (miles)		
Standard Environmental Record Sources (where available)	Chemicals of Concern	Petroleum Hydrocarbon Chemicals of Concern
Federal NPL	0.33	0.10
Federal CERCLIS	0.33	0.10
Federal RCRA CORRACTS	0.33	0.10
Federal RCRA non-CORRACTS TSD	0.33	0.10
Federal RCRA Generators	Subject Property Only	Subject Property Only
Federal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
Federal ERNS	Subject Property Only	Subject Property Only
State and Tribal-equivalent NPL	0.33	0.10
State and Tribal-equivalent CERCLIS	0.33	0.10
State and Tribal Landfill or Solid Waste Disposal Sites	0.33	0.10
State and Tribal LUST	0.33	0.10
State and Tribal UST	Subject Property Only	Subject Property Only
State and Tribal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
State and Tribal Voluntary Cleanup	0.33	0.10
State and Tribal Brownfield	0.33	0.10

Notes:

CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS	RCRA Corrective Action Activity
ERNS	Emergency Response Notification System
LUST	Leaking Underground Storage Tank
NPL	National Priorities List
RCRA	Resource Conservation and Recovery Act
TSD	RCRA Treatment, Storage, and Disposal
UST	Underground Storage Tank

Based on results of the initial vapor encroachment screening, the following facilities with chemicals of concern were identified in the EDR report within the minimum search distances:

- The subject property was listed in the IA LUST, IA UST, IA Financial Insurance, and IA RGA LUST. Tetra Tech contacted IDNR for additional information regarding listings for the subject property. According to Ms. Garrison and Mr. Graesch, IDNR Project Managers, the subject property was historically used as a gas station since the 1930s and had one 300-gallon and one 500-gallon gasoline USTs. The two orphaned tanks were found during work on East Locust Street in 2011. The tanks were removed in May 2011. High levels of petroleum contamination were identified in the soil and groundwater during the removal. Groundwater sampling during a Phase II ESA in July 2016 found light LNAPL in wells. The final report for the July 2016 Phase II is due at the end of August (see Appendix D). Based on historical use of the subject property and known petroleum contamination, these listings pose a VEC to the subject property.
- The Kwik Shop #520 facility was listed in the IA LUST, IA UST, and IA SPILLS databases. The facility is at 1202 E Locust Street, approximately 255 feet west-southwest of the subject property. This facility has two LUST records. One record has been closed, but the other is still listed as high risk. Based on close proximity to the subject property and known contamination on site, this listing poses a VEC to the subject property.

- The Lakeside Auto Recyclers facility was listed in the IA Brownfields, IA ALLSITES, and US Brownfields databases. The facility is at 2813 North 9th Street, approximately 0.259 mile west-southwest of the subject property. However, according to Google Earth, the eastern boundary of this facility is actually 415 feet west-southwest of the subject property. According to the IDNR Contaminated Sites database, the facility has been used as a salvage yard since the 1960s. Soil and groundwater contamination are present on the property from leaking automobiles, the car crusher, and possibly from ASTs with no secondary containment (IDNR 2016). Based on the known contamination at this facility, this listing poses a VEC to the subject property.

6.1.3 Valuation Reduction for Environmental Issues

No information on valuation reduction was provided to Tetra Tech. An environmental lien search for the subject property was not performed by EDR.

6.1.4 Engineering and Institutional Controls

As part of the environmental records search by EDR, federal and state databases for institutional and engineering controls were searched, including EPA's Engineering Controls Sites List and Sites with Institutional Controls and the U.S. Department of the Navy's Land Use Control Information System. No information significant to this Phase I TBA was found.

6.1.5 Title Records

The subject property is currently owned by the Omaha Tribe of Nebraska. According to the warranty deed dated July 15, 1998, the subject property was transferred from Charles E. Lakin and Florence Lakin, husband and wife, to the Omaha Tribe of Nebraska, a federally recognized Indian Tribe.

6.2 HISTORICAL USE INFORMATION REGARDING THE SITE AND ADJOINING PROPERTIES

Historical data regarding the subject property and surrounding area were gathered to determine past uses and evaluate visible environmental issues that may pose RECs. The following sections describe aerial photographs, Sanborn maps, topographic maps, city directories, and past environmental reports available regarding the subject property.

6.2.1 Historical Property Ownership

Table 6-1 presents the chain-of-title search of the subject property (Clear Title & Abstract, LLC 2016) (see Appendix F-1).

TABLE 6-1
CHAIN OF TITLE SUMMARY

Date Executed	Transaction Description	Type	Book	Page
9/14/1973	Wilson E. Mabrey, to Airport Plaza, Inc.	Warranty Deed	73	16143
5/1/1978	Sheriff of Pottawattamie County, Iowa to Mills County Savings and Loan Association	Sheriff's Deed	78	21419
7/31/1987	Western Federal Saving and Loan Association, to Charles E. Lakin	Warranty Deed	88	6876
3/8/1989	The Iowa Department of Transportation, acting for the State of Iowa, to Carter Lake, Iowa	Quitclaim Deed	89	18074
7/15/1998	Charles E. Lakin and Florence Lakin, husband and wife, to the Omaha Tribe of Nebraska, a federally recognized Indian Tribe	Warranty Deed	99	25798

No finding from the chain-of-title search poses a REC to the subject property.

6.2.2 Sanborn Map Report

No Sanborn maps of the subject property area were available (see Appendix F-2) (EDR 2016c).

6.2.3 Aerial Photographs

START reviewed aerial photographs of the subject property and surrounding area for years 1938, 1949, 1950, 1960, 1970, 1979, 1982, 1999, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 (EDR 2016d) (see Appendix F-3). Table 6-2 is a summary of information obtained from the aerial photographs.

TABLE 6-2
SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
1938	<p>Subject Property: The subject property appears to be undeveloped.</p> <p>Surrounding Properties: The subject property is bounded north by a road in approximate alignment with the current Avenue K; northeast by Carter Lake; east by vacant land; and south by a road in approximate alignment with the current East Locust Street.</p>
1949	<p>Subject Property: The subject property appears to host a building at the southwest corner of the property, likely the former gas station.</p> <p>Surrounding Properties: The area surrounding the subject property is similar to 1938.</p>
1950	<p>Subject Property: The subject property appears similar to 1949.</p> <p>Surrounding Properties: Surrounding properties are similar to 1949; however, the east and southeast portion of the map are blacked out on the photograph.</p>

TABLE 6-2 (Continued)

SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
1960	<p>Subject Property: The subject property appears similar to 1950.</p> <p>Surrounding Properties: Surrounding properties appear similar to 1950 except for additional residential development to the north and to the northwest along North 13th Street.</p>
1970	<p>Subject Property: The subject property appears similar to 1960 except for a small building immediately north of the former gas station and what appears to be a residential structure farther north beyond the small structure; a structure is also present on the south central portion of the subject property.</p> <p>Surrounding Properties: Surrounding properties appear similar to 1960 except for a junkyard approximately 60 feet southwest of the subject property in approximate alignment with the current Lakeside Auto Recyclers. A road in approximate alignment with the current Abbott Drive is visible east of the subject property.</p>
1979	<p>Subject Property: The subject property appears similar to 1970.</p> <p>Surrounding Properties: Surrounding properties appear similar to 1970 except for commercial development west of the subject property along East Locust Street.</p>
1982	<p>Subject Property: The subject property appears similar to 1979.</p> <p>Surrounding Properties: Surrounding properties appear similar to 1979.</p>
1999	<p>Subject Property: The subject property appears similar to 1982, except the house is no longer visible on the subject property.</p> <p>Surrounding Properties: Surrounding properties appear similar to 1982 except for a building in approximate alignment with the current Super 8 hotel and the vacant Dollar Auto Sales immediately east of the subject property. The airport parking lot is visible to the southeast, and a building is now visible southwest across East Locust Street.</p>
2005	<p>Subject Property: The subject property appears similar to 1999, except the original gas station building at the southwest corner of the subject property is no longer present; the small structure to the north is still present. Also, the structure on the south central portion of the subject property is no longer present; however, the concrete pad remains.</p> <p>Surrounding Properties: Surrounding properties appear similar to 1999.</p>
2006	<p>Subject Property: The subject property appears similar to 2005.</p> <p>Surrounding Properties: Surrounding properties appear similar to 2005.</p>
2007	<p>Subject Property: The subject property appears similar to 2006; various small structures or items are visible throughout the southwest quarter of the subject property.</p> <p>Surrounding Properties: Surrounding properties appear similar to 2006.</p>
2008	<p>Subject Property: The subject property appears similar to 2007, except the small structure north of the former gas station is no longer present. The concrete pad associated with the former gas station and the structure on the south central portion of the subject property are still present. The small structures are no longer present.</p> <p>Surrounding Properties: Surrounding properties appear similar to 2007.</p>
2009	<p>Subject Property: The subject property appears similar to 2008.</p> <p>Surrounding Properties: Surrounding properties appear similar to 2008.</p>

TABLE 6-2 (Continued)

SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
2010	<p>Subject Property: The subject property appears similar to 2009, except six small white structures are present at the southwest quarter of the subject property that appear to be the bleachers currently on the property.</p> <p>Surrounding Properties: Surrounding properties appear similar to 2009, except the property immediately south of the subject property appears to be storing vehicles or equipment of some kind on the southern half of the property. .</p>
2011	<p>Subject Property: The subject property appears similar to 2010, with the bleacher and stage in their current configuration. Vehicles, equipment, or some kind of material storage apparently is present at the southwest corner of the subject property near the former gas station.</p> <p>Surrounding Properties: Surrounding properties appear similar to 2010, except storage on the property to the south is no longer present. .</p>
2012	<p>Subject Property: The subject property appears similar to 2011, except storage at the southwest corner is no longer visible.</p> <p>Surrounding Properties: Surrounding properties appear similar to 2011.</p>

Aerial photographs can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property. The subject property was historically used as a gas station from sometime between 1938 and 1949 until sometime between 1999 and 2007. Various small structures, presumably for equipment or material storage, were present on the subject property in 2007 and 2011. Use of the subject property as a gas station and potential for contamination from storage of unknown material at the southwest corner of the subject property pose a REC to the subject property.

6.2.4 Historical Topographic Maps

Topographic maps can be used as indicators of land use and structural changes on the subject property, and thus can help determine historical land use that might pose an environmental issue to the subject property. START reviewed USGS Omaha North, Nebraska quadrangle topographic maps of the subject property and surrounding area for years 1893, 1956, 1969, 1975, 1984, 1994, and 2014 (EDR 2016a, USGS 1994) (Appendices B and F-4). Table 6-3 is a summary of information obtained from the historical topographic maps of the subject property and surrounding area.

TABLE 6-3

SUMMARY OF HISTORICAL TOPOGRAPHIC MAPS

Year	Description
1893	<p>Subject Property: No structures are depicted on the subject property. The subject property is within the city of Omaha, Nebraska.</p> <p>Surrounding Properties: Carter Lake is depicted north of the subject property, the Missouri River is depicted east and southeast of the subject property, and multiple rail lines are depicted west of the subject property.</p>
1956	<p>Subject Property: Two structures are depicted on the subject property—one appears to be in alignment with the former gas station and the other appears to be in alignment with the former residential structure on the west side of the subject property. The subject property is within the City of Carter Lake, Iowa.</p> <p>Surrounding Properties: The topographic map appears similar to that of 1893, with additional residential development to the north and west. Carter Lake has expanded east and south, and Abbot Drive is depicted to the east. A tank farm is depicted approximately 0.5 mile southwest of the subject property.</p>
1969	<p>Subject Property: The small structure north of the former gas station and the structure on the south central portion of the subject property are now depicted.</p> <p>Surrounding Properties: The topographic map appears similar to that of 1956; the Cities of Omaha and Carter Lake continue to expand.</p>
1975	<p>Subject Property: The subject property appears similar to that of 1969.</p> <p>Surrounding Properties: The topographic map appears similar to that of 1969.</p>
1984	<p>Subject Property: The subject property appears similar to that of 1975.</p> <p>Surrounding Properties: The topographic map appears similar to that of 1975.</p>
1994	<p>Subject Property: The subject property appears similar to that of 1984.</p> <p>Surrounding Properties: The topographic map appears similar to that of 1984.</p>
2014	<p>Subject Property: No structures are depicted on the subject property.</p> <p>Surrounding Properties: The topographic map appears similar to that of 1994.</p>

Review of topographic maps did not identify potential environmental issues; however, topographic maps can be used in conjunction with other historical records presented in this section to determine previous land use on the subject property.

6.2.5 City Directories

Tetra Tech reviewed city directory listings for the subject property at 1302 Locust Street, Carter Lake, Iowa, and nearby property for the years 1992, 1995, 1999, 2003, 2008, and 2013 (see Appendix F-5) (EDR 2016e). Table 6-4 summarizes information found in the city directories. Not all nearby property

listings are included in the table—only commercial or industrial properties that could pose a REC to the subject property.

TABLE 6-4
SUMMARY OF HISTORICAL CITY DIRECTORIES

Property Address	Property Occupant(s)
Subject Property	
1302 Locust Street	Not Listed
Nearby Properties	
1103 E Locust Street	City Motor Center, City Super Shop, FETT Super Shop Corp. (2008), City Motor Center (2013)
1107 E Locust Street	Mid-Amer Salvage Unibody & Frame Shop (1992), City Motor Center, FETT Enterprises, Unibody & Frame Shop (1995)
1202 E Locust Street	Carter LK Video, Kwik Shop, Kwik Start (1992), Kwik Shop (1995, 1999, 2003, 2013)
1233 E Locust Street	Asphalt Express, ATO HST CR&TRK RNT, Budget Glass, Tri-State Asphalt (1992)
1301 E Locust Street	Budget Auto Glass (1992, 1995), Budget Fast Cash (2003)

City directories can be used in conjunction with other historical records presented in this section to determine previous land use on the site. Review of city directories did not identify any listings for the subject property. The review of city directories indicated a gas station at 1202 E Locust Street, approximately 250 feet west of the subject property; a salvage yard was also identified at 1107 E Locust Street, approximately 380 feet southwest (downgradient) of the subject property. Both of these facilities were also identified as RECs from database listings in the EDR. These two facilities pose RECs, based on potential of contamination from historical practices and distance from the subject property.

6.2.6 Previous Reports

No previous investigation or reports are known.

7.0 FINDINGS AND OPINIONS

The following findings and opinions resulted from the TBA, primarily based on interviews and examination of historical documentation:

- The subject property was listed in the IA LUST, IA UST, IA Financial Insurance, IA RGA LUST, US Brownfields, FINDS, and ECHO databases. Tetra Tech contacted IDNR for additional information regarding listings for the subject property. According to Ms. Bonnie Garrison and Mr. Matt Graesch, IDNR Project Managers, the subject property was historically used as a gas station since the 1930s and had one 300-gallon and one 500-gallon gasoline USTs. The two orphaned tanks were found during work on East Locust Street in 2011. The tanks were removed in May 2011. High levels of petroleum contamination were identified in the soil and groundwater during the removal. Groundwater sampling during a Phase II ESA in July 2016 found LNAPL in wells. The final report for the July 2016 Phase II is due at the end of August (see Appendix D). Based on historical use of the subject property and known petroleum contamination, these listings pose a REC and a VEC to the subject property.
- The subject property is part of the Omaha Lead NPL site. The Omaha Lead site is a former lead smelting site that operated from the early 1870s until 1996. The subject property is within the boundaries of the Omaha Lead Site. Known widespread lead contamination associated with the Omaha Lead site poses a REC to the subject property.
- The 1655 East Locust Street/ Abbott Airport Parking Garage and Car Wash facility was listed in the IA ALLSITES, NE UST, and NE LUST databases. The facility is at 1491-1655 East Locust Street, adjacent to and south of the subject property. Based on information from the IDNR Contaminated Sites Database, the site historically hosted a LUST and landfill. In 1988, it began operations as Abbott Parking which provided surface parking for travelers using the Omaha Airport. The site is not currently in use; however, the parking lot is still present. High levels of lead and arsenic were found in the soil on site, and arsenic was detected in groundwater; however, according to IDNR, the site is currently used for an asphalt parking lot that reportedly covers the site. In addition to the soil contamination, one exceedance of the statewide standard for arsenic in groundwater was detected. Because no known receptors are nearby, arsenic detected in groundwater does not appear to pose a threat to human health at this time. IDNR has not required any additional investigation at this time (IDNR 2016). Based on known high levels of lead and arsenic at this adjacent site, this listing poses a REC to the subject property.
- The Kwik Shop #520 facility was listed in the IA LUST, IA UST, and IA SPILLS databases. The facility is at 1202 E Locust Street, approximately 255 feet west-southwest of the subject property. This facility has two LUST records. One record has been closed, but the other is still listed as high risk. Based on close proximity to the subject property and known contamination on site, this listing poses a REC and a VEC to the subject property.
- The Former Clapp's Services Station was listed in the IA LUST database. The facility is at 902 East Locust Street, approximately 0.225 mile west of the subject property. One 540-gallon diesel UST was removed on December 14, 1998, and one 560-gallon waste oil UST was removed on December 14, 1998. The facility is listed as a high risk LUST site. Based on distance from the subject property and the regulatory status, this listing poses a REC to the subject property.

- The Lakeside Auto Recyclers facility was listed in the IA Brownfields, IA ALLSITES, and US Brownfields databases. The facility is at 2813 North 9th Street, approximately 0.259 mile west-southwest of the subject property. However, according to Google Earth, the eastern boundary of this facility is actually 415 feet west-southwest of the subject property. According to the IDNR Contaminated Sites database, the facility has been used as a salvage yard since the 1960s. Soil and groundwater contamination are present on the property from leaking automobiles, the car crusher, and possibly from ASTs with no secondary containment (IDNR 2016). Based on the known contamination at this facility, this listing poses a REC and a VEC to the subject property.
- The Paxton 7 Vierling Steel Company was listed in the IA ALLSITES database. The facility is at 501 Avenue H, approximately 0.490 mile southwest of the subject property. However, according to Google Earth, this facility is actually 0.390 mile southwest of the subject property. According to the IDNR Contaminated Sites database, groundwater contamination present on site is likely from the two neighboring bulk petroleum storage facilities—Magellan Pipeline to the south and Sapp Brothers to the west. Both facilities have significant levels of petroleum contamination on their properties (IDNR 2016). Based on the upgradient location and known widespread contamination in the area, this listing poses a REC to the subject property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

START has performed a TBA, in conformance to the scope and limitations of ASTM E 1527-13, of the subject property known at 1302 Locust Street in Carter Lake, Pottawatomie County, Iowa. Exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Based on available information, this assessment has revealed evidence of RECs in connection with the subject property, as described in Section 7.0.

Because conclusions of this Phase I TBA are based primarily on a review of available public records, and according to accepted practices, no official judgment about levels or extent of contamination associated with any site can occur without conducting an environmental investigation that includes sampling and chemical analysis, START recommends a Phase II TBA of the subject property to confirm or eliminate the RECs identified in the Phase I investigation. The Phase II TBA should include the following:

- Collect surface and subsurface soil samples for laboratory analyses. Analyze the samples for VOCs, SVOCs, total petroleum hydrocarbons (TPH), and metals.
- Collect groundwater samples from temporary wells for laboratory analyses. Analyze the samples for VOCs, SVOCs, TPHs, and total and dissolved metals.

9.0 CERTIFICATION STATEMENT

Resumes of the Environmental Assessor who conducted the site reconnaissance and the EP who prepared the report and oversaw completion of this work are in Appendix G. We declare that, to the best of our professional knowledge and belief, we meet the definition of EP as defined in 40 CFR Part 312.10. We have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject property addressed in this report. We have developed and performed all appropriate inquiries in conformance to the standards and practices set forth in 40 CFR Part 312, and attest to the completeness and accuracy of information in this report.

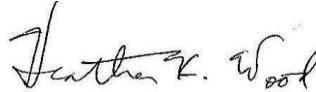
If you have any questions concerning the findings and conclusions of this report, please call START Program Manager Ted Faile at (816) 412-1754 or START Project Manager Kaitlyn Bahr at (816) 412-1768.

Assessor/EP



Kaitlyn Bahr
Environmental Scientist

Reviewer/EP



Heather Wood
Geologist, RG

10.0 REFERENCES

- ASTM International (ASTM). 2010. *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. E2600-10.
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- U.S. Geological Survey (USGS). 1994. Omaha North, Nebraska Quadrangle. USGS 7.5 Minute Topographic Series
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APPENDIX A
STATEMENT OF WORK

Sub-Task

Under Task Order #02 – Brownfields TBAs

START 4 CONTRACT #: EP-S7-13-06

Activity Type: Targeted Brownfield Assessment,

Created On: May 27, 2016

Task: Petroleum TBA Phase I/II, ABCA and Cleanup Plan

PO: Debra Dorsey

General Task Description:

Task Monitors: Todd Davis

Estimated Completion Date: December 31, 2016

Task Codes:

Site/Project Name: Omaha Tribe of Iowa 1302 Locus

Address: 1302 Locust Street

City, State, Zip: Carter Lake, IA 51510

Site ID No: N/A

I. INTRODUCTION

A. PURPOSE

The contractor shall be prepared to provide scientific/technical support for EPA activities in the Agency's primary mission: the protection of human health and the environment. Additionally, the contractor shall provide advisory and assistance services to other programs, such as site assessment, and remedial support activities. For each assigned task, the contractor shall provide appropriately experienced, trained, and accredited personnel with current credentials/certifications as well as all supplies, materials, tools, and equipment necessary to complete the job.

B. BACKGROUND

Under the authority of legislation, Presidential Directives, and promulgated regulations, EPA is responsible for protecting human health and the environment. EPA is delegated authority to undertake removal and remedial response actions. EPA is responsible for conducting evaluations and cleanups of uncontrolled hazardous substance disposal sites and placing those that are considered to pose a significant threat to human health or the environment on the National Priorities List (NPL). Site assessment is the first step in determining whether a site meets the criteria for placement on the NPL. Listing a site on the NPL is one tool among many that are available to EPA and state cleanup program managers to accomplish the cleanup of contaminated waste sites. For additional information, see EPA OSWER Directive 9203.1-06, "Guidance on Setting Priorities for NPL Candidates sites."

II. TECHNICAL REQUIREMENTS

**EPA Targeted Brownfields Assessment
TASK ORDER
Omaha Tribe of Iowa Locust Street
1302 Locust St
Pottawattamie County, Carter Lake, IA 51510
May 27, 2016**

1.0 Introduction/Background Discussion

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

The Omaha Tribe of Iowa has requested EPA to perform a Phase I Environmental Site Assessment (ESA) and Phase II ESA for petroleum substances. The Site is located at 1302 Locust Street in Pottawattamie County, Carter Lake, Iowa.

2.0 Site Description

The Site is located at 1302 Locust Street in Carter Lake, Iowa. The site covers 3 acres and the previous existing building has been demolished.

2.1 Location

The property consists of separate parcels located at 1302 Locust Street in Carter Lake Iowa.

2.2 Description and Current Conditions of Sites

Access to the site is being provided through an agreement with the current property owner.

3.0 History of Operation

The Site has been used for industrial manufacturing since 1915.

4.0 Summary of Pertinent Previous Investigations

No copies of reports from previous investigations have been provided.

5.0 Scope of Work

The contractor shall perform a Phase I and a Phase II environmental site assessment (ESA) on the 1302 Locust Street site. The contractor shall conduct a hazardous materials inventory of the site. The contractor shall meet with the applicant or designee, IDNR and EPA Region 7 staff to discuss the site history, the Phase I and scope of the Phase II, and potential or planned future site uses.

The Phase I ESA will identify any potential recognized environmental conditions (REC) located on or in the vicinity of the sites in accordance with ASTM Standard E 1527-13, Standard Practice for Phase I Environmental Site Assessments. The Phase II ESA will further assess the site in accordance with ASTM Standard E 1903-97-11, Standard Guide for Phase II Environmental Site Assessments.

The Contractor may prepare an Analysis of Brownfield Cleanup Alternatives for the site based on the results of the Phase II and potential future uses of the site after discussion with the Omaha Tribe or the Tribe's designee. A completed Property Profile Form shall be included with the Phase II Report.

6.0 Description of Tasks

Task 1 – ASTM/AAI Phase I and Phase II ESA and Reporting

The contractor will conduct the Phase I and II ESAs in accordance with EPA's final regulations governing All Appropriate Inquiries (40 CFR 312) or ASTM International's E 1527-13 and E1903-97-11 standard for Phase I & II ESAs as well as the guidance documents listed at the end of this task order.

From the information and documents reviewed for the Phase I and Phase II ESAs and inclusive of all EPA comments on the draft report, the contractor shall prepare 2 bound color hard copies and one electronic copy of each of the ASTM/AAI Phase I and Phase II site investigation reports covering the individual site and including a property profile form for the site. The report will detail the execution of the site inspections and summarize the findings of the site investigation. All hard copies and the electronic copy will be provided to the EPA Project Contact identified below.

6.1 Quality Assurance Project Plan (QAPP). The Contractor shall prepare a Quality Assurance Project Plan for the environmental assessment as well as the asbestos, and lead-based paint surveys. The QAPP shall present the objectives, organization, activities, and quality control procedures that will be employed to ensure that all technical data generated during the assessment and the asbestos and lead-based paint surveys are accurate and representative of the conditions at the project site. The QAPP shall contain a Title and Approval Page. A draft version of the QAPP shall be submitted to the EPA Task Order Project Officer (TOPO) and must be approved by the EPA TOPO prior to conducting the surveys. Electronic submittal is acceptable for the QAPP. For guidance on creating a QAPP, refer to the guide EPA Requirements for Quality Assurance Project Plans (QA/R-5) found at:

6.2 Asbestos Containing Materials (ACM) Survey. The Contractor shall conduct an Asbestos Survey on the building. Personnel conducting the asbestos inspection shall be licensed. The asbestos survey shall be conducted in accordance with the protocols established by EPA regulation 40 CFR 763, the Asbestos Hazard Emergency Response Act (AHERA). Inspectors shall be properly attired and shall use wet sampling methods as applicable to reduce the potential for fiber release. Inspectors shall visually assess the interior and exterior of the building to identify homogeneous areas of materials suspected to contain asbestos. A physical assessment of each homogeneous area of suspect ACM shall be conducted to assess the condition of the material as friable or non-friable as classified by NESHAP, i.e. Friable, Non-friable Category I or Non-friable Category II. Based on results of the visual assessment, bulk samples of suspect ACM shall be collected. Samples shall be placed in sealable containers and labeled with unique sample numbers using indelible marker. Samples shall be submitted under chain of custody procedures to a Licensed and NVLAP accredited laboratory for analysis by Polarized Light Microscopy (PLM). A representative number of samples with low asbestos results (less than 3 percent) shall be analyzed by Point Count. Each homogeneous area shall be identified and noted as such in the field notes, and location where the sample is taken shall be identified at the location of the sampled item using a label, or permanent marker. The Inspector shall photograph each sample location and shall show location on a sketch or drawing. The Inspector shall estimate the quantity (e.g., sq. ft., linear feet, each) of each building component containing ACM. All investigative derived waste shall be collected and removed from the building and disposed of according to current regulations.

6.2.1 Asbestos Survey Report. The results of the survey must be documented in a report signed by the licensed asbestos inspector. There are no known as-built drawings, renovation records, etc., of the buildings so the inspector must prepare a floor plan sketch or drawing to record sample locations. At a minimum, the sketch shall include outside dimensions in feet. The report shall include the sketch or drawing showing sample locations, photo of sampled area, presentation of test results, friable category, copies of the lab report, and estimated quantities. The report shall also provide rough order of magnitude cost estimates for asbestos abatement (that will be used for budgetary planning). The abatement costs should be sufficiently detailed to show quantity and how costs were derived. The Asbestos Survey Report shall be combined with the Lead-Based Paint Survey Report with combined cover page titled, "Targeted Brownfields Assessment Survey Reports for Asbestos Containing Materials and Lead-Based Paint at the (name of site)" or included in the ESA Reports.

6.3 Lead-Based Paint Survey. The Contractor shall conduct a lead-based paint survey on the buildings in accordance with H.U.D. guidelines. The LBP survey shall be conducted by a licensed lead inspector. Screening of painted surfaces on the interior and exterior of the buildings shall be conducted using a portable X-Ray Fluorescence (XRF) analyzer. Standard operating procedures for the instrument shall be followed.

6.3.1 Lead-Based Paint Survey Report. The results of the survey must be documented in a report signed by the licensed lead inspector. All test readings shall be reported including negative and inconclusive readings. A building sketch shall be included showing

general locations of LBP materials and photos shall be provided. Approximate quantities of LBP materials shall be provided. The report shall also provide rough order of magnitude cost estimates for lead abatement (that will be used for budgetary planning). The abatement costs should be sufficiently detailed to show quantity and how costs were derived. The Lead-Based Paint Survey Report shall be combined with the Asbestos Survey Report.

6.4 Phase I Environmental Site Assessment. The Contractor shall conduct a Phase I Environmental Site Assessment (ESA) in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, E1527-13, to meet the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) “all appropriate inquiry” standard and identify all “recognized environmental conditions” associated with the property. The Phase I ESA shall be as complete as possible with all ASTM requirements attempted and documented (including title search for environmental liens, assessments of any specialized knowledge or experience of the prospective landowner, and commonly known or reasonably ascertainable information the prospective purchaser is aware of.). The Phase I ESA shall be submitted in draft and final versions.

7.0 Project Schedule

- The contractor will submit to the EPA Project Contact identified below in accordance with the Task Order Schedule for Deliverables/Activities.
- Comments will be made and returned to the contractor within 60 business days. The final deliverables as described above are due 30 business days after EPA provides comments on the draft reports.

8.0 Project Contacts

Todd H. Davis, Site Assessment Manager, EPA Region 7
Phone: 913-551-7749
Email: davis.toddh@epa.gov
Address: US EPA Region 7
Todd H. Davis
11201 Renner Blvd
Lenexa, KS 66219

Guidance Documents/References

- “Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process,” ASTM, E 1527-00-13
- “Standard Practice for Environmental Assessments: Phase II Environmental Site Assessment Process,” ASTM 1903-97-11; and
- “Generic Quality Assurance Project Plan for the Superfund Site Assessment and Targeted Brownfields Assessment Programs,” EPA-Region VII, Superfund Division, July 2007

III. DOCUMENTATION REQUIREMENTS

In the course of performing tasks identified in this SOW, the contractor shall submit all analyses, options, recommendations, reports, and any other work products in draft form for review by the Contracting Officer (CO) or the Contracting Officer's Representative (COR) prior to use or distribution.

The contractor shall not publish, release, use, or disclose any work product generated under this SOW without EPA's written approval; interpret EPA policies or regulations when conducting any training, seminars, or presentations; and/or provide any legal advice or legal interpretations.

The Government will make all final regulatory, policy, and interpretative decisions resulting from contractor provided advice and assistance; and will also make all final decisions regarding compliance determinations, or the violations of an order, law, regulation, etc.

The contractor shall submit documents that demonstrate a good command and correct usage of the English language (e.g, discussion of facts flow in a coherent and organized manner); use proper grammar (noun and verb tense correspond, etc.); and are free of incomplete sentences and misspelled words.

For deliverables that contain recommendations, the contractor shall explain or rank policy; explain or rank alternative actions; describe procedures used to arrive at recommendations; summarize the substance of deliberation; report any dissenting views; and cite sources relied upon.

Schedule:

Meeting with EPA and Applicant due June 5, 2016

Reports may be submitted separately, on a rolling basis or depending on Conference Call with the Project Manager

QAPP for site sampling will be due June 10, 2016

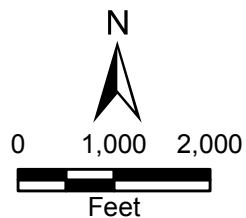
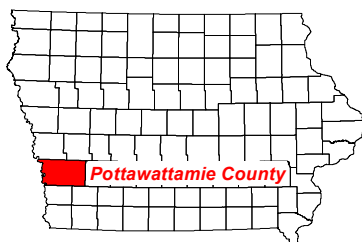
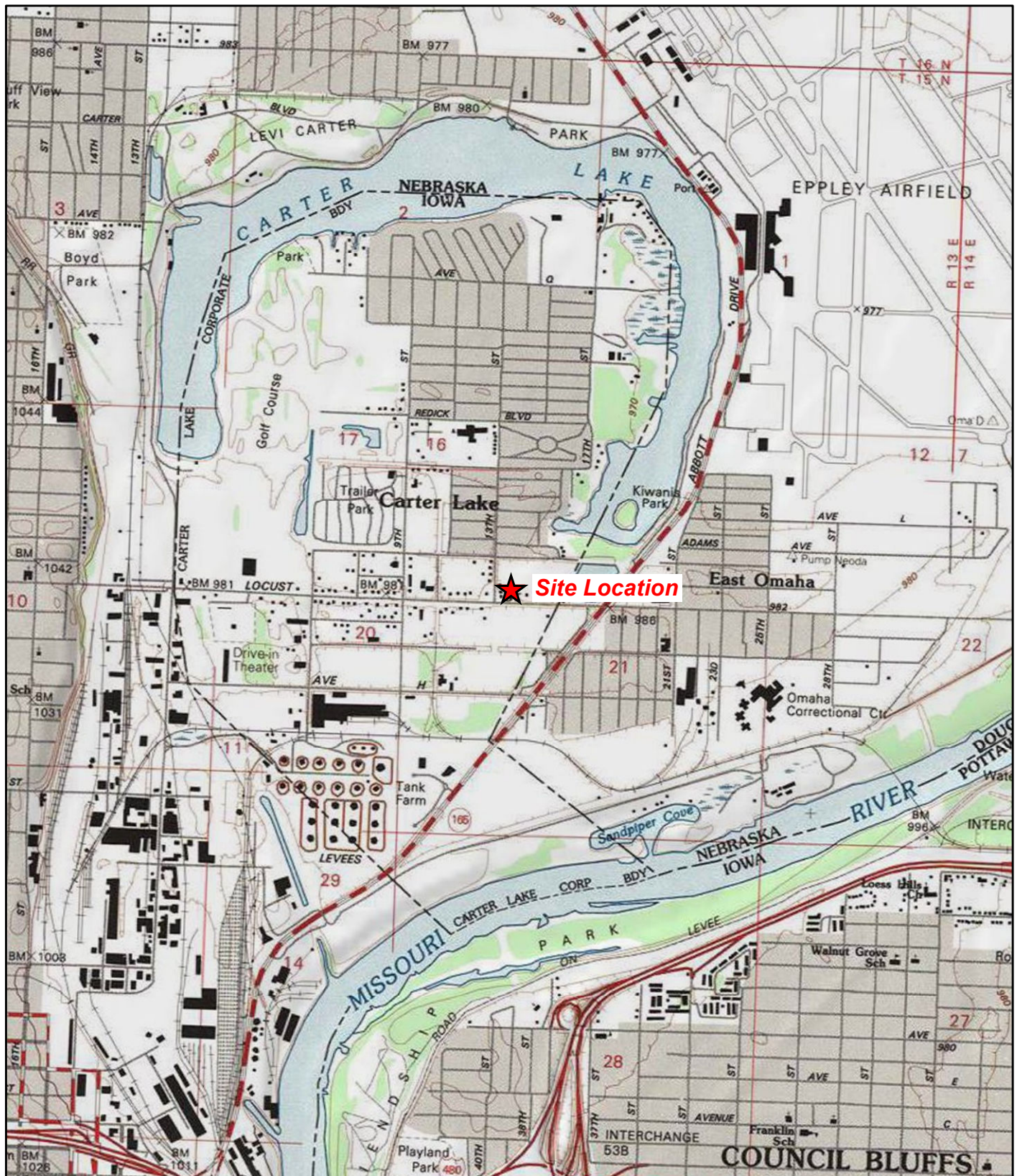
Draft Reports due on a rolling basis or as approved by the Task Order Project Manager.

Final Reports due October 30, 2016 or as approved by the Task Order Project Manager.

B-1 EPA 1552.216-73 FIXED RATES FOR SERVICES-INDEFINITE DELIVERY/INDEFINITE									
QUANTITY CONTRACT. (APR 1984)									
The following fixed rates shall apply for payment purposes for the duration of the contact subject to Economic Price									
Adjustment as described in Section G.									
BASE PERIOD									
CLIN		DESCRIPTION		ESTIMATED QUANTITY	HOURS		UNIT PRICE		TOTAL
1		Principal Professional		1	6		\$117.74		\$706.44
2		IT Pro, Sr Sci, Sr Eng		1	50		\$84.29		\$4,214.50
3		Jr Sci, Jr Eng		1	160		\$58.28		\$9,324.80
4		Ctr Admin, Sr Tech		1	38		\$65.43		\$2,486.34
5		Gen IT Tech, Jr Tech		1	48		\$32.34		\$1,552.32
6		Clerical		1	4		\$45.31		\$181.24
7		Travel + G&A @ 5.32%		NTE			\$3,150.00		\$3,317.58
8		ODCs + G&A @ 5.32%		NTE			\$3,923.00		\$4,131.70
9		Subcontracts + G&A @ 0%		NTE			\$4,500.00		\$4,500.00
10		Equipment + G&A @ 5.32%		NTE			\$2,100.00		\$2,211.72
									GRAND TOTAL
									\$32,626.64
		Omaha Tribe Locust Street							
		Subtask 2.035-- TO #2							

APPENDIX B

FIGURES



Omaha Tribe of Iowa
1302 Locust Street
Carter Lake, Iowa

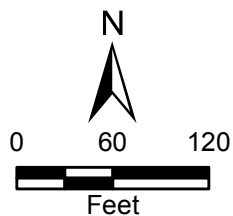
Figure 1
Site Location Map





Legend

Approximate parcel boundary



Omaha Tribe of Iowa
1302 Locust Street
Carter Lake, Iowa

Figure 2
Site Layout Map



APPENDIX C

SITE PHOTOGRAPHS

**1302 Locust Street
Carter Lake, Iowa**



TETRA TECH PROJECT NO. X9025.14.0002.019022 Direction: East	DESCRIPTION	This photograph shows the subject property, facing east.	1
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	



TETRA TECH PROJECT NO. X9025.14.0002.019022 Direction: North	DESCRIPTION	This photograph shows the subject property, facing north.	2
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	

**1302 Locust Street
Carter Lake, Iowa**



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: West</p>	DESCRIPTION	This photograph shows the concrete pad on the southwest portion of the subject property with North 13 th Street, a Dollar General, a bank, and a gas station beyond.	3
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: South</p>	DESCRIPTION	This photograph shows East Locust Street and a vacant lot beyond.	4
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	

**1302 Locust Street
Carter Lake, Iowa**



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: South</p>	DESCRIPTION	This photograph shows a pad-mounted transformer on the easement south of the subject property. The transformer had a “No PCBs” label.	5
	CLIENT	Environmental Protection Agency – Region 7	<p>Date 6/22/2016</p>
	PHOTOGRAPHER	Kaitlyn Bahr	



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: South</p>	DESCRIPTION	This photograph shows a concrete pad on the southeast portion of the subject property, the former location of a gas station.	6
	CLIENT	Environmental Protection Agency – Region 7	<p>Date 6/22/2016</p>
	PHOTOGRAPHER	Kaitlyn Bahr	

**1302 Locust Street
Carter Lake, Iowa**



TETRA TECH PROJECT NO. X9025.14.0002.019022 Direction: Northeast	DESCRIPTION	This photograph shows a tractor parked on the concrete pad on the southeast portion of the subject property.	7
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	



TETRA TECH PROJECT NO. X9025.14.0002.019022 Direction: NA	DESCRIPTION	This photograph shows minor staining below the tractor on the concrete pad on the southeast portion of the subject property.	8
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	

**1302 Locust Street
Carter Lake, Iowa**



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: Northeast</p>	DESCRIPTION	This photograph shows the east side of the subject property and the Super 8 hotel beyond.	9
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: Northeast</p>	DESCRIPTION	This photograph shows a brush pile with solid waste (plastic bags and general trash) on the east central portion of the subject property.	10
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	

**1302 Locust Street
Carter Lake, Iowa**



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: North</p>	DESCRIPTION	This photograph shows a brush pile on the eastern portion of the subject property.	11
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	



<p>TETRA TECH PROJECT NO. X9025.14.0002.019022</p> <p>Direction: Southwest</p>	DESCRIPTION	This photograph shows wooden bleachers at the center of the subject property, used for tribal meetings.	12
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	

**1302 Locust Street
Carter Lake, Iowa**



TETRA TECH PROJECT NO. X9025.14.0002.019022 Direction: Northwest	DESCRIPTION	This photograph shows a pole-mounted transformer on the northwest border of the subject property.	13
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	



TETRA TECH PROJECT NO. X9025.14.0002.019022 Direction: Southwest	DESCRIPTION	This photograph shows pole-mounted transformers on the southwest border of the subject property.	14
	CLIENT	Environmental Protection Agency – Region 7	Date 6/22/2016
	PHOTOGRAPHER	Kaitlyn Bahr	

APPENDIX D

INTERVIEW DOCUMENTATION AND USER-PROVIDED INFORMATION

Bahr, Kaitlyn

From: Carter Lake Fire Department <clfire@carterlake-ia.gov>
Sent: Tuesday, July 12, 2016 10:27 AM
To: Bahr, Kaitlyn
Subject: RE: Freedom of Information Act Request - 1302 Locust Street, Carter Lake, IA

As a Fire Department, I show no responses to this address over the last 10 years

Phillip Newton

Fire Department Coordinator
950 Locust Street
Carter Lake, Iowa 51510
clfire@carterlake-ia.gov
Station: 712-347-5900
Cell: 402-657-8976

From: Bahr, Kaitlyn [Kaitlyn.Bahr@tetrattech.com]
Sent: Monday, July 11, 2016 9:30 AM
To: Carter Lake Fire Department
Cc: Bahr, Kaitlyn
Subject: Freedom of Information Act Request - 1302 Locust Street, Carter Lake, IA

Dear Fire Chief:

Tetra Tech, Inc. (Tetra Tech) is conducting a Phase I Environmental Site Assessment (ESA) at the property located at 1302 Locust Street in Carter Lake, Iowa. This investigation is being conducted in order to identify evidence of any recognized environmental conditions (RECs) that may have an adverse environmental impact upon the subject property. Tetra Tech's client is requesting a due diligence investigation. According to ASTM Standards E 1527-13, property record reviews are required prior to completing this investigation.

Tetra Tech is requesting any records you may have concerning the property of interest. Records may include, but are not limited to:

- Records indicating former operations/owners
- Contamination issues in soil or groundwater
- Leaks or spills of hazardous materials
- Storage or use of hazardous materials
- Monitoring well installations and/or sampling results
- Underground or aboveground storage tanks (tank abandonment, removals, and closures)
- Site remediation/investigation activities
- Environmental violations
- Sewer or septic issues; issued permits
- No further action letters
- Consultations with the U.S. Environmental Protection Agency (USEPA)
- Sites that may be classified as State Hazardous Waste Sites

Any assistance from your office would be greatly appreciated. If you have any questions or concerns regarding this request or if you need additional information to assist with your record search, please feel free to contact me via phone at (816) 412-1742 or e-mail at kaitlyn.bahr@tetrattech.com. Thank you in advance for spending time on this matter.

Kaitlyn Bahr | Environmental Scientist
415 Oak Street | Kansas City, Missouri 64106 | www.tetrattech.com
Direct: 816.412.1742 | Main: 816.412.1741 | Cell: 913.645.6871 | Fax: 816.410.1748

Tetra Tech | **Complex World, Clear Solutions™**



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<input type="checkbox"/> After a diligent search, no records could be located regarding the Subject Property. (check box if applicable)	
X _____ Signature	
_____ Printed Name	
_____ Title/ Department	_____ Date

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Bahr, Kaitlyn

From: Garrison, Bonnie [DNR] <Bonnie.Garrison@dnr.iowa.gov>
Sent: Monday, July 25, 2016 10:21 AM
To: Bahr, Kaitlyn
Subject: RE: 1302 Locust Street, Carter Lake, IA LUST listing

The LUST # is 9LTP35 for this site. Below is information from our UST database 'Memo field':

09/07/11: project oversight to vks. vks

09/08/11: T1 ltr sent. CGWP = 10-14-2011. T1 = 12-16-2011. vks

06/18/15: Two orphaned tanks found in Locust Street while working on road in 2011. Tank pull by Barker Lemar and PLR by VKS. Tier 1 letter sent to City of Carter Lake, but never answered. Site never moved to assessment phase. Would have likely been at risk for diesel to water line and possibly benzene to water line (as well as potential pathways). Sent email to Michael Pomes at EPA Region 7 about this site and how to proceed since it is now owned by the Omaha Tribe of Nebraska and EPA has oversight of all LUST sites on tribal lands. Site appears to have been a gas station since 1930s. mg

06/19/15: Response from Doug Drouare at EPA: "Jurisdiction is dependent on the location of the site not the ownership. If the site is located within the external boundaries of the reservation, then we would have jurisdiction. If it is owned by the tribe but outside those boundaries, then Iowa has jurisdiction. Tribes can and do own properties outside their reservation boundaries. Do we know which it is here?" mg

06/23/15: Sent ROE and Access Letters to the Omaha Tribe (CC'd City of Carter Lake). James has assigned Barker Lemar as CGP. mg

06/30/15: Rcvd delivery confirmation of 06.23.15 DNR ltr signed for on 06.25.15. dsm

07/10/15: Rcvd ROE signed by RP. dsm

04/25/16: Sent email to CGP (Leah Calvert) asking if anything has been done on this site. CGP states that two sets of GW samples have been collected and that a report was submitted in March, 2016.....but no report has been received at DNR as of April 25, 2016. CGP says that she will send another report in the mail tomorrow. mg

04/28/16: UPDATE: The CGP had this site confused with another in Carter Lake and no work has been completed since the ROE was sent to Barker Lemar in July, 2015. It was filed there and forgotten. CGP signed the ROE today and will begin work as soon as possible.....mg

05/02/16: CGP responds that since drilling schedule is so tight, they will not be able to conduct investigation until June. Plan to have Tier 1/2 report done by August 31, 2016. mg

06/01/16: Received proposed scope of work via email and asked by JG to examine it. I made three comments: 1. no MtBE needed for soil samples 2. only one K value test proposed...why? 3. location of former pump island may have been misidentified. Sent image showing apparent location of pump island to affected parties. mg

07/12/16: Received word from CGP noting that LNAPL was detected in one site well yesterday while conducting the initial groundwater sampling event. A thickness was not obtained (noted as "3 ounces"). Replied that they should recheck the wells in a month and if LNAPL has returned to complete a FPRAR. If LNAPL has not returned, monitor the

wells carefully in the future to check for it, but do not complete a FPRAR until there is sufficient evidence that it is needed. mg

BONNIE GARRISON Administrative Assistant

Iowa Department of Natural Resources

Underground Storage Tank Section

P 515.725.8310 | F 515.725.8202 | bonnie.garrison@dnr.iowa.gov

502 E. 9th St | Des Moines, IA 50319-0034



WWW.IOWADNR.GOV



Leading Iowans in Caring for Our Natural Resources

From: Bahr, Kaitlyn [mailto:Kaitlyn.Bahr@tetrattech.com]

Sent: Monday, July 11, 2016 9:51 AM

To: Garrison, Bonnie [DNR]

Cc: Bahr, Kaitlyn

Subject: 1302 Locust Street, Carter Lake, IA LUST listing

Importance: High

Hi Bonnie,

I am performing a Phase I ESA at the property at 1302 Locust Street in Carter Lake, Iowa. Do you have any records for this site? It was listed on the LUST, UST, and brownfields databases.

Thank you!

Kaitlyn Bahr | Environmental Scientist

415 Oak Street | Kansas City, Missouri 64106 | www.tetrattech.com

Direct: 816.412.1742 | Main: 816.412.1741 | Cell: 913.645.6871 | Fax: 816.410.1748

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ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

SITE NAME: 1302 Locust Street, Carter Lake, Iowa		
SITE ADDRESS: 1302 Locust Street, Carter Lake, Iowa		
DATE:		
TETRA TECH PROJECT NUMBER:		
PREPARED BY:	(Owner) OMAHA TRIBE OF NEBRASKA	(Occupant) (Tetra Tech)
COMPANY: Tetra Tech		

GENERAL QUESTIONS REGARDING PROPERTY CONDITION

ASTM RELATED QUESTIONS

QUESTION	Owner			Occupant			Observed			COMMENTS
	Y	N	U	Y	N	U	Y	N	U	
1a Is the property used for an industrial use?		✓								
1b Is any adjoining property used for an industrial use?		✓								
2a Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?		✓								
2b Did you observe evidence or do you have any prior knowledge that the adjoining property has been used for an industrial use in the past?		✓								
3a Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.)		✓								
3b Is the adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.)		✓								

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

QUESTION	Owner			Occupant			Observed			COMMENTS
	Y	N	U	Y	N	U	Y	N	U	
8a Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		✓								
8b Did you observe evidence or do you have any prior knowledge that there have been previously any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?		✓								
9a Is there currently any stained soil on the property?										Did not observe
9b Did you observe evidence or do you have any prior knowledge that there has been previously any stained soil on the property?										" "
10a Are there currently any registered or unregistered storage tanks (above or underground) located on the property?										See 4(A)
10b Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?										" "
11a Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure on the property?										Did not observe.
11b Did you observe evidence or do you have any prior knowledge that there have been previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?										" "
12a Are there currently any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?		✓								

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

12b	Did you observe evidence or do you have any prior knowledge that there have been previously any flooring, drains, or walls within the facility that are stained by substances other than water or were emitting foul odors?												
			X										
QUESTION		Owner			Occupant			Observed			COMMENTS		
		Y	N	U	Y	N	U	Y	N	U			
13a	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?			X									
13b	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?			X									
14	Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?			X									
15a	Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	X									Specific source of information is unknown but believe petroleum products may have been stored on property.		
15b	Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?												
15c	Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?			/									
15d	Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?			/									

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

16	Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?											
			X									
QUESTION		Owner			Occupant			Observed			COMMENTS	
		Y	N	U	Y	N	U	Y	N	U		
17	Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?											
			X									
18a	Does the property discharge waste water, on or adjacent to the property, other than storm water, into a storm water sewer system?											
			X									
18b	Does the property discharge waste water, on or adjacent to the property, other than storm water, into a sanitary sewer system?											
			X									
19	Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?											See 15(A) Waste and other materials may have been stored on property.
20	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?											
			/									
21	Is there any knowledge of a valuation reduction for the property based upon environmental issues?											
			/									
22a	Is there any knowledge of activity and use limitations placed on the property due to residual contamination?											
			/									
22b	Is there any knowledge of activity and use limitations placed on adjacent properties due to residual contamination?											
			/									

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

23a	Is there any knowledge of the property being abandoned or evidence of unauthorized uses or uncontrolled access to the property?										
23b	Is there any knowledge of an adjacent property being abandoned or evidence of unauthorized uses or uncontrolled access to the property?										

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

NON-ASTM RELATED QUESTIONS											
QUESTION		Owner			Occupant			Observed			COMMENTS
		Y	N	U	Y	N	U	Y	N	U	
21	Are there any wetland or floodplains? (100-year or 500-year floodplains?)			/							
21A	Are there any streams or ditches that run through or adjacent to the property?		/								
21B	Are there any low areas where water ponds with snowmelt or after rainstorms?		/								
22	Any known or suspected asbestos-containing materials? What year was the property/structure constructed?		/								
23	Any known or suspected lead-based paint? Date constructed?		/								
24	Radon issues? How long will the area be occupied? Is the area in a basement?		/								

ASTM1527-13 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

GOVERNMENT RECORDS/HISTORICAL SOURCES INQUIRY							
33	Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:			Y	N	COMMENTS	
	National Priorities List – within 1.0 mile (1.6 Km)?					Unknown	
	CERCLIS List – within 0.5 mile (0.8 Km)?					..	
	RCRA CORRACTS Facilities – within 1.0 mile (1.6 Km)?					..	
	RCRA non-CORRACTS TSD Facilities – within 0.5 mile (0.8 Km)?					..	
34	Do any of the following state record systems list the property or any property within the circumference of the area noted below:			Y	N	COMMENTS	
	List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state equivalent to National Priorities List – within 1.0 mile (1.6 Km)?					Unknown	
	List maintained by state environmental agency of sites identified for investigation or remediation that is the state equivalent to CERCLIS List – within 0.5 mile (0.8 Km)?					..	
	Leaking Underground Storage Tank (LUST) List – within 0.5 mile (0.8 Km)?					..	
	Solid Waste/Landfill Facilities – within 0.5 mile (0.8 Km)?					..	
35	Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?			Y	N	N/A	COMMENTS
							Unknown
KEY: Y = YES, N = NO, U = UNKNOWN, N/A = NOT APPLICABLE							
Prepared by:		(Owner)		(Occupant), and		(Tetra Tech)	
Maurice Johnson		Omaha Tribe of Nebraska					
Signature:		Date:		Signature:		Date	
Tetra Tech							

APPENDIX E

EDR RADIUS MAP WITH GEOCHECK

1302 Locust Street

1302 Locust Street

Carter Lake, IA 51510

Inquiry Number: 4648185.2s

June 15, 2016

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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GEOCHECK ADDENDUM

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1302 LOCUST STREET
CARTER LAKE, IA 51510

COORDINATES

Latitude (North):	41.2854730 - 41° 17' 7.70"
Longitude (West):	95.9122060 - 95° 54' 43.94"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	256118.4
UTM Y (Meters):	4574327.0
Elevation:	980 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6713754 OMAHA NORTH, NE
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150825
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1302 LOCUST STREET
CARTER LAKE, IA 51510

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FORMER UST SITE	1302 LOCUST STREET	IA LUST, IA UST, IA Financial Assurance		TP
A2	FORMER UST SITE	1302 LOCUST STREET	IA RGA LUST		TP
A3	OMAHA TRIBE OF NEBRA	1302 LOCUST STREET	US BROWNFIELDS, FINDS, ECHO		TP
Reg	OMAHA LEAD	INTERSECTION I480 &	NPL, SEMS, US ENG CONTROLS, US INST CONTROL, ROD,..Same		3907, 0.740, SW
4	1655 EAST LOCUST STR	1491 EAST LOCUST STR	IA ALLSITES	Higher	84, 0.016, SSE
5	KWIK SHOP #520	1202 E LOCUST ST	IA LUST, IA UST, IA SPILLS, IA Financial Assurance	Higher	255, 0.048, WSW
B6		1103 LOCUST ST	EDR Hist Auto	Higher	567, 0.107, WSW
B7		1103 E LOCUST ST	EDR Hist Auto	Higher	567, 0.107, WSW
C8	MAGELLAN PIPE LINE -	2205 NORTH 11TH STRE	IA LAST, IA ALLSITES	Higher	766, 0.145, WNW
B9	CARTER LAKE, CITY OF	950 LOCUST ST	RCRA NonGen / NLR, FTTS, HIST FTTS, FINDS, ECHO	Higher	782, 0.148, West
C10	PLIBRICO	2815 N 11TH STREET	IA UST	Higher	792, 0.150, WNW
D11	ABBOTT AIRPORT PARKI	1655 E LOCUST ST	NE UST	Higher	825, 0.156, ESE
D12	ABBOTT AIRP PARK CAR	1655 E LOCUST ST	NE LUST	Higher	825, 0.156, ESE
13	CARTER LAKE QUICK ST	1001 LOCUST ST	IA LUST, IA UST, IA Financial Assurance	Higher	830, 0.157, WSW
14	FORMER CLAPP'S SERVI	902 E LOCUST	IA LUST	Higher	1190, 0.225, West
15	EASY CAR LEASING LLC	1755 E LOCUST ST	NE UST	Higher	1284, 0.243, East
16	HOLIDAY INN EXPRESS	2510 ABBOTT PLAZA	IA ALLSITES	Higher	1331, 0.252, South
E17	LAKESIDE AUTO RECYCL	2813 NORTH 9TH STREE	IA BROWNFIELDS, IA ALLSITES	Higher	1365, 0.259, WSW
E18	LAKESIDE AUTO RECYCL	2813 NORTH 9TH STREE	US BROWNFIELDS	Higher	1365, 0.259, WSW
19	PRAXAIR DISTRIBUTION	1100 H AVENUE	IA SWF/LF, IA TIER 2	Higher	1530, 0.290, SSW
F20	THRIFTY CAR RENTAL	2323 ABBOTT DR	NE LUST, FINDS, ECHO	Higher	1578, 0.299, South
F21	THRIFTY CAR RENTAL	2323 ABBOTT DR, SE C	NE LUST	Higher	1578, 0.299, South
G22	HAMILTON PROPERTY	823 LOCUST STREET	IA LUST, IA Financial Assurance	Higher	1600, 0.303, West
G23	HAMILTON PROPERTY	821 AND 823 LOCUST	US BROWNFIELDS, FINDS, ECHO	Higher	1600, 0.303, West
24	O & P WAREHOUSE	900 AVENUE H	IA ALLSITES	Higher	1699, 0.322, SW
25	CARTER WHITE LEAD NO	2107 EAST LOCUST ST.	NE INST CONTROL	Higher	2146, 0.406, East
26	FORMER CARTER WHITE	2717 N 21ST STREET E	US BROWNFIELDS, FINDS, ECHO	Higher	2252, 0.427, ESE
H27	MOWECO INC., FORMER	2716 N 22ND ST. E, 2	US BROWNFIELDS	Higher	2516, 0.477, ESE
H28	HOLT 4-T SERVICE	2716 N 22ND ST EAST	NE LUST	Higher	2529, 0.479, ESE
29	PAXTON & VIERLING ST	501 AVENUE H	IA ALLSITES, IA TIER 2	Higher	2589, 0.490, SW
30	D&R AUTO SALES 1	506 AND 516 LOCUST S	US BROWNFIELDS, FINDS, ECHO	Higher	2597, 0.492, West
31	MONARCH OIL CO	2200 AVENUE H E	NE SHWS, NE BROWNFIELDS, NE SPILLS, FINDS, NE...	Higher	2830, 0.536, ESE
I32	MILKO TOOL & DIE INC	2405 N 11TH ST	NE SHWS, NE NPDES	Higher	5054, 0.957, WSW
I33	MAGELLAN PIPELINE CO	2205 N 11TH ST	NE SHWS, NE LAST, NE AIRS, NE NPDES	Higher	5114, 0.969, WSW
34	ACETYLENE GAS PLANT	902 GRACE ST	NE SHWS, NE BROWNFIELDS	Higher	5190, 0.983, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FORMER UST SITE 1302 LOCUST STREET CARTER LAKE, IA 51510	IA LUST Facility Id: 6455 Leak Status: 0	N/A
	IA UST Facility Id: 18171 Registration: 201100017	
	IA Financial Assurance Facility Id: 201100017	
FORMER UST SITE 1302 LOCUST STREET CARTER LAKE, IA	IA RGA LUST Facility ID: 6455	N/A
OMAHA TRIBE OF NEBRA 1302 LOCUST STREET CARTER LAKE, IA 51510	US BROWNFIELDS ACRES property ID: 98866	N/A
	FINDS Registry ID:: 110039688665 Registry ID:: 110043878792	
	ECHO	

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

EXECUTIVE SUMMARY

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

RCRA-SQG..... RCRA - Small Quantity Generators

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

IA SHWS..... Registry of Hazardous Waste or Hazardous Substance Disposal Sites

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

NE SWF/LF..... Licensed Landfill List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

IA AST..... Aboveground Storage Tank Sites

NE AST..... Hazardous Chemical AST List

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

State and tribal institutional control / engineering control registries

IA INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

IA VCP..... Land Recycling Program Sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

NE VCP..... RAPMA Sites

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
IA DEL SHWS..... Delisted Contaminated Sites Listing
US CDL..... National Clandestine Laboratory Register

Local Land Records

IA LIENS..... Liens Filed Listing
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
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
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
DOCKET HWC..... Hazardous Waste Compliance Docket Listing

EXECUTIVE SUMMARY

UXO.....	Unexploded Ordnance Sites
IA AIRS.....	Minor and Title V Sources Listing
IA COAL ASH.....	Coal Ash Disposal Site Listing
IA DRYCLEANERS.....	Iowa Drycleaner List
NE DRYCLEANERS.....	Drycleaner Facility Listing
NE Financial Assurance.....	Financial Assurance Information Listing
IA NPDES.....	List of NPDES Permittees
FUELS PROGRAM.....	EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

IA RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
NE RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
NE RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 03/07/2016 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>OMAHA LEAD</i>	<i>INTERSECTION I480 &</i>	<i>SW 1/2 - 1 (0.740 mi.)</i>	<i>0</i>	<i>12</i>

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

NE SHWS: The Nebraska Department of Environmental Quality is providing this information from its own database. The data, although not verified to be the most current or accurate for any specific site, is generally based on the contents of the physical documents in the files. You may contact the Records Management Unit at (402) 471-3557 to make arrangements to view or to get a photocopy of the physical file.

A review of the NE SHWS list, as provided by EDR, and dated 12/31/2015 has revealed that there are 4 NE SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MONARCH OIL CO DEQ Id: 15756	2200 AVENUE H E	ESE 1/2 - 1 (0.536 mi.)	31	100
MILKO TOOL & DIE INC DEQ Id: 63814	2405 N 11TH ST	WSW 1/2 - 1 (0.957 mi.)	I32	115
MAGELLAN PIPELINE CO DEQ Id: 10296	2205 N 11TH ST	WSW 1/2 - 1 (0.969 mi.)	I33	116
ACETYLENE GAS PLANT DEQ Id: 19846	902 GRACE ST	SW 1/2 - 1 (0.983 mi.)	34	117

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

IA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Natural Resources' Permitted Solid Waste Management Facilities list.

A review of the IA SWF/LF list, as provided by EDR, and dated 03/07/2016 has revealed that there is 1 IA SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PRAXAIR DISTRIBUTION Facility Id: 78-SDP-20-01 Permit Stage: Closure	1100 H AVENUE	SSW 1/4 - 1/2 (0.290 mi.)	19	71

State and tribal leaking storage tank lists

IA LAST: N/A.

A review of the IA LAST list, as provided by EDR, and dated 11/04/2015 has revealed that there is 1 IA LAST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAGELLAN PIPE LINE - Site ID: 617 Site Status Description: Open	2205 NORTH 11TH STRE	WNW 1/8 - 1/4 (0.145 mi.)	C8	49

EXECUTIVE SUMMARY

IA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Underground Storage Tank Data list.

A review of the IA LUST list, as provided by EDR, and dated 03/07/2016 has revealed that there are 4 IA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KWIK SHOP #520 Facility Id: 3458 Facility Id: 6081 Leak Status: Unknown	1202 E LOCUST ST	WSW 0 - 1/8 (0.048 mi.)	5	38
CARTER LAKE QUICK ST Facility Id: 3172 Leak Status: Unknown	1001 LOCUST ST	WSW 1/8 - 1/4 (0.157 mi.)	13	54
FORMER CLAPP'S SERVI Facility Id: 4	902 E LOCUST	W 1/8 - 1/4 (0.225 mi.)	14	60
HAMILTON PROPERTY Facility Id: 6441 Leak Status: 0	823 LOCUST STREET	W 1/4 - 1/2 (0.303 mi.)	G22	79

NE LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Control's Spill Tracking Reports.

A review of the NE LUST list, as provided by EDR, and dated 03/07/2016 has revealed that there are 4 NE LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ABBOTT AIRP PARK CAR File Number: 101095-TH-0856 File Number: 112993-KM-1400 Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)	1655 E LOCUST ST	ESE 1/8 - 1/4 (0.156 mi.)	D12	53
THRIFTY CAR RENTAL File Number: 020791-99-0002 Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)	2323 ABBOTT DR	S 1/4 - 1/2 (0.299 mi.)	F20	78
THRIFTY CAR RENTAL File Number: 021601-99-0000 Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)	2323 ABBOTT DR, SE C	S 1/4 - 1/2 (0.299 mi.)	F21	79
HOLT 4-T SERVICE File Number: 040193-CT-1150 Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)	2716 N 22ND ST EAST	ESE 1/4 - 1/2 (0.479 mi.)	H28	92

State and tribal registered storage tank lists

IA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Data list.

A review of the IA UST list, as provided by EDR, and dated 03/07/2016 has revealed that there are 3

EXECUTIVE SUMMARY

IA UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KWIK SHOP #520 Facility Id: 7693 Registration: 198607429	1202 E LOCUST ST	WSW 0 - 1/8 (0.048 mi.)	5	38
PLIBRICO Facility Id: 17803 Registration: 200200048	2815 N 11TH STREET	WNW 1/8 - 1/4 (0.150 mi.)	C10	52
CARTER LAKE QUICK ST Facility Id: 7038 Registration: 198606734	1001 LOCUST ST	WSW 1/8 - 1/4 (0.157 mi.)	13	54

NE UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Control's Facility and Tank Data.

A review of the NE UST list, as provided by EDR, and dated 03/07/2016 has revealed that there are 2 NE UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ABBOTT AIRPORT PARKI Facility ID: 7775	1655 E LOCUST ST	ESE 1/8 - 1/4 (0.156 mi.)	D11	53
EASY CAR LEASING LLC Tank Id/Tank Status: Currently in Use Facility ID: 6433	1755 E LOCUST ST	E 1/8 - 1/4 (0.243 mi.)	15	67

State and tribal institutional control / engineering control registries

NE INST CONTROL: A list of sites within Nebraska that have institutional controls. According to the Environmental Protection Agency (EPA), institutional controls are "non-engineering measures designed to prevent or limit exposure to hazardous substances left in place at a site, or assure effectiveness of the chosen remedy. Institutional controls are usually, but not always, legal controls, such as easements, restrictive covenants, and zoning ordinances." In short, institutional controls are a type of environmental covenant typically used when property is to be cleaned up to a level determined by the potential environmental risks posed by a planned use, rather than to unrestricted use standards. This method of control has proven to be both environmentally and economically beneficial.

A review of the NE INST CONTROL list, as provided by EDR, and dated 01/19/2016 has revealed that there is 1 NE INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARTER WHITE LEAD NO	2107 EAST LOCUST ST.	E 1/4 - 1/2 (0.406 mi.)	25	83

EXECUTIVE SUMMARY

State and tribal Brownfields sites

IA BROWNFIELDS: A listing of brownfields sites.

A review of the IA BROWNFIELDS list, as provided by EDR, and dated 11/04/2015 has revealed that there is 1 IA BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAKESIDE AUTO RECYCL Status: Closed Facility Id: 1188	2813 NORTH 9TH STREE	WSW 1/4 - 1/2 (0.259 mi.)	E17	68

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/22/2015 has revealed that there are 5 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAKESIDE AUTO RECYCL	2813 NORTH 9TH STREE	WSW 1/4 - 1/2 (0.259 mi.)	E18	69
HAMILTON PROPERTY	821 AND 823 LOCUST	W 1/4 - 1/2 (0.303 mi.)	G23	80
FORMER CARTER WHITE	2717 N 21ST STREET E	ESE 1/4 - 1/2 (0.427 mi.)	26	85
MOWECO INC., FORMER	2716 N 22ND ST. E, 2	ESE 1/4 - 1/2 (0.477 mi.)	H27	88
D&R AUTO SALES 1	506 AND 516 LOCUST S	W 1/4 - 1/2 (0.492 mi.)	30	98

Local Lists of Hazardous waste / Contaminated Sites

IA ALLSITES: All the sites included in the Contaminated Sites Tracking Database. The database includes several regulatory compliance programs and actions.

A review of the IA ALLSITES list, as provided by EDR, and dated 11/04/2015 has revealed that there are 6 IA ALLSITES sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1655 EAST LOCUST STR Status: Closed Site Id Number: 1147	1491 EAST LOCUST STR	SSE 0 - 1/8 (0.016 mi.)	4	38
MAGELLAN PIPE LINE - Status: Open Site Id Number: 617	2205 NORTH 11TH STRE	WNW 1/8 - 1/4 (0.145 mi.)	C8	49
HOLIDAY INN EXPRESS Status: Closed	2510 ABBOTT PLAZA	S 1/4 - 1/2 (0.252 mi.)	16	68

EXECUTIVE SUMMARY

Site Id Number: 624

LAKESIDE AUTO RECYCL **2813 NORTH 9TH STREE** **WSW 1/4 - 1/2 (0.259 mi.)** **E17** **68**

Status: Closed

Site Id Number: 1188

O & P WAREHOUSE **900 AVENUE H** **SW 1/4 - 1/2 (0.322 mi.)** **24** **83**

Status: Closed

Site Id Number: 583

PAXTON & VIERLING ST **501 AVENUE H** **SW 1/4 - 1/2 (0.490 mi.)** **29** **93**

Status: Closed

Site Id Number: 2317

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARTER LAKE, CITY OF	950 LOCUST ST	W 1/8 - 1/4 (0.148 mi.)	B9	50

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OMAHA LEAD	INTERSECTION I480 &	SW 1/2 - 1 (0.740 mi.)	0	12

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

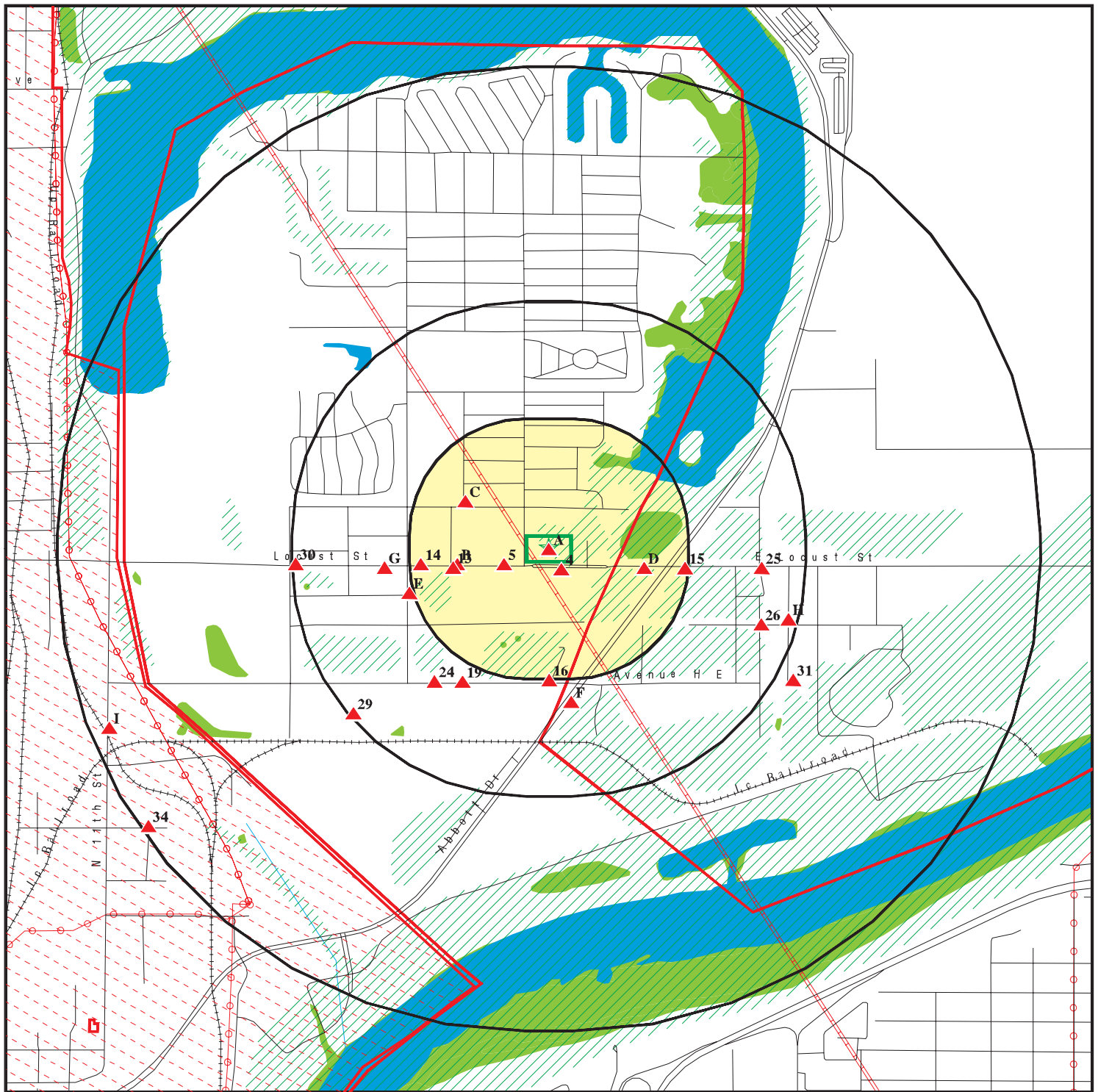
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1103 LOCUST ST	WSW 0 - 1/8 (0.107 mi.)	B6	48
Not reported	1103 E LOCUST ST	WSW 0 - 1/8 (0.107 mi.)	B7	49

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

<u>Site Name</u>	<u>Database(s)</u>
CITIZENS GAS & ELECTRIC CO	SEMS, PRP
LOCUST STREET DRUMS	SEMS-ARCHIVE, PRP
LOCUST STREET DRUM SITE	NE SHWS
OMAHA GAS MANUFACTURING FMGP	NE SHWS, NE BROWNFIELDS
BINNEY STREET DRUM SITE	NE SHWS
CARTER WHITE LEAD NORTH SITE	NE SHWS, NE BROWNFIELDS
AIR PRODUCTS	SEMS-ARCHIVE
ANDERSON EXCAVATING CARTER LAKE C&	IA SWF/LF
BNSF RAILWAY COMPANY	IA LUST
ENTERPRISE RENT-A-CAR	NE LUST, NE UST
LOCUST STREET DRUM SITE	FINDS, ECHO

OVERVIEW MAP - 4648185.2S



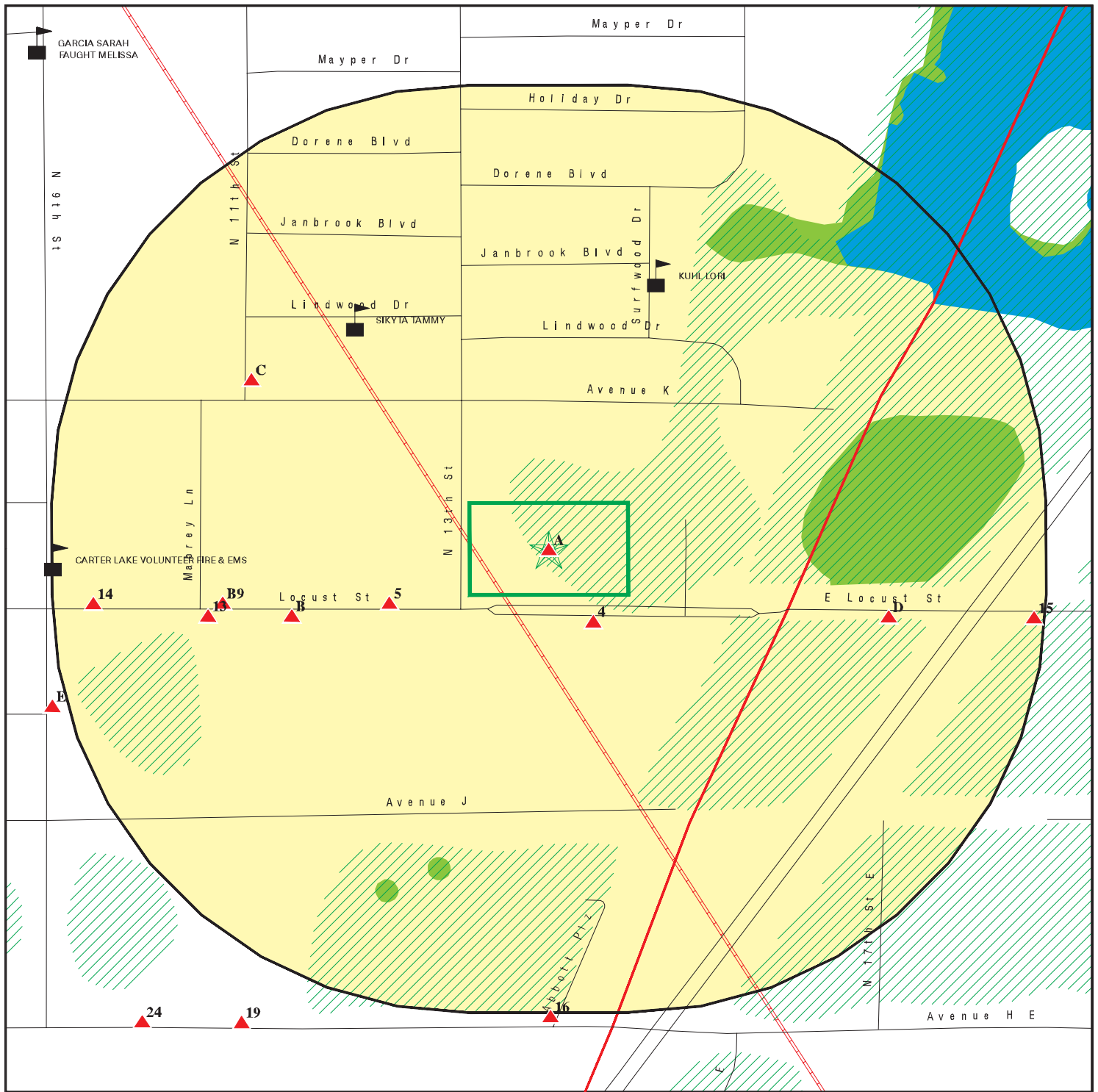
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 CARTER LAKE IA 51510
 LAT/LONG: 41.285473 / 95.912206

CLIENT: Tetra Tech EMI
 CONTACT: Kaitlyn Bahr
 INQUIRY #: 4648185.2s
 DATE: June 15, 2016 10:18 pm

DETAIL MAP - 4648185.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 Carter Lake IA 51510
 LAT/LONG: 41.285473 / 95.912206

CLIENT: Tetra Tech EMI
 CONTACT: Kaitlyn Bahr
 INQUIRY #: 4648185.2s
 DATE: June 15, 2016 10:18 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
NE SHWS	1.000		0	0	0	4	NR	4
IA SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
IA SWF/LF	0.500		0	0	1	NR	NR	1
NE SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
IA LAST	0.500		0	1	0	NR	NR	1
IA LUST	0.500	1	1	2	1	NR	NR	5

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
NE LUST	0.500		0	1	3	NR	NR	4
NE LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
IA UST	0.250	1	1	2	NR	NR	NR	4
NE UST	0.250		0	2	NR	NR	NR	2
IA AST	0.250		0	0	NR	NR	NR	0
NE AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
IA INST CONTROL	0.500		0	0	0	NR	NR	0
NE INST CONTROL	0.500		0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
IA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
NE VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
IA BROWNFIELDS	0.500		0	0	1	NR	NR	1
NE BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500	1	0	0	5	NR	NR	6
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
IA ALLSITES	0.500		1	1	4	NR	NR	6
IA DEL SHWS	1,000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
IA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	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
IA SPILLS	TP		NR	NR	NR	NR	NR	0
NE SPILLS	TP		NR	NR	NR	NR	NR	0
IA SPILLS 90	TP		NR	NR	NR	NR	NR	0
NE SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
IA AIRS	TP		NR	NR	NR	NR	NR	0
NE AIRS	TP		NR	NR	NR	NR	NR	0
IA COAL ASH	0.500		0	0	0	NR	NR	0
IA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NE DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NE Financial Assurance	TP		NR	NR	NR	NR	NR	0
IA Financial Assurance	TP	1	NR	NR	NR	NR	NR	1
IA NPDES	TP		NR	NR	NR	NR	NR	0
NE NPDES	TP		NR	NR	NR	NR	NR	0
IA TIER 2	TP		NR	NR	NR	NR	NR	0
NE TIER 2	TP		NR	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
ECHO	TP	1	NR	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
IA RGA HWS	TP		NR	NR	NR	NR	NR	0
NE RGA HWS	TP		NR	NR	NR	NR	NR	0
IA RGA LUST	TP	1	NR	NR	NR	NR	NR	1
NE RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		7	5	10	16	6	0	44

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

FORMER UST SITE
1302 LOCUST STREET
CARTER LAKE, IA 51510

IA LUST
IA UST
IA Financial Assurance

U004189286
N/A

Site 1 of 3 in cluster A

Actual:
980 ft.

LUST:

Facility ID: 6455
Spill Number: Not reported
Occur Date: Not reported
Discover Date: 06/04/2011
Discover Time: Not reported
Record Date: 09/01/2011
Leak Number: 9LTP35
Loc ID: 79595
Ust ID: 18171
Latitude: 41.28493
Longitude: -95.91313
Start Date: 09/06/2011
Spill Date: Not reported
Date Occurred Time: Not reported
Lead ID: 4
Coordinator ID: 11
Staff ID: 7119
Discover Method ID: 0
Leak Status: 0
Tanks Removed: 0
Created Date: 09/06/2011
Created By: bonnie.garrison@dnr.iowa.gov
Last Changed: 06/18/2015
Changed By: Graesch.Matthew

UST:

Facility Id: 18171
Loc Id: 79518
Registration: 201100017
Owner Type: 5
Financial Code: 16
Insurer's Name: Not reported
Policy Number: Not reported
Policy Start Date: Not reported
Policy End Date: Not reported
Registration Sign Date: Not reported
Created By: tom.collins@dnr
Created Date: 05/23/2011
Changed By: tom.collins@dnr.iowa.gov
Last Changed: 09/01/2011
Latitude: 41.28493
Longitude: -95.91313

Tank Info:

Tank Num: 44606
In Use: False
Tank Type: 6
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: False
Material Construction: Double Wall Steel
Emergency Power Gen: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER UST SITE (Continued)

U004189286

Tank Num: 44607
In Use: False
Tank Type: 6
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: False
Material Construction: Double Wall Steel
Emergency Power Gen: False

IA Financial Assurance 1:

Facility ID: 201100017
Insurers Name: Not reported
Policy End Date: Not reported
Site Status: Not reported
Financial Code: 16
Policy Number: Not reported
Policy Start Date: Not reported

**A2
Target
Property**

**FORMER UST SITE
1302 LOCUST STREET
CARTER LAKE, IA**

**IA RGA LUST S116261003
N/A**

Site 2 of 3 in cluster A

**Actual:
980 ft.**

RGA LUST: 2012 FORMER UST SITE 1302 LOCUST STREET

**A3
Target
Property**

**OMAHA TRIBE OF NEBRASKA PROPERTY
1302 LOCUST STREET
CARTER LAKE, IA 51510**

**US BROWNFIELDS 1014885512
FINDS N/A
ECHO**

Site 3 of 3 in cluster A

**Actual:
980 ft.**

US BROWNFIELDS:
Recipient name: Carter Lake, City of
Grant type: Assessment
Property name: OMAHA TRIBE OF NEBRASKA PROPERTY
Property #: 754421176002
Parcel size: 3.33
Property Description: Currently vacant. Past owner: Charles E. Lakin and Florence Lakin.
Past uses: gas station, snack shop
Latitude: 41.28505
Longitude: -95.9131116
HCM label: Address Matching-Digitized
Map scale: Not reported
Point of reference: Facility/Monitoring Site Boundary Point
Datum: World Geodetic System of 1984
ACRES property ID: 98866
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA TRIBE OF NEBRASKA PROPERTY (Continued)

1014885512

Assessment funding:	3684
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	P
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	98796501
Ownership entity:	Government
Current owner:	Omaha Tribe of Nebraska
Did owner change:	N
Cleanup required:	Unknown
Video available:	No
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA TRIBE OF NEBRASKA PROPERTY (Continued)

1014885512

Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	3
Past use residential acreage:	Not reported
Past use commercial acreage:	.33
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

FINDS:

Registry ID: 110039688665

Environmental Interest/Information System

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

Registry ID: 110043878792

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA TRIBE OF NEBRASKA PROPERTY (Continued)

1014885512

Environmental Interest/Information System

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor
Documentation) provides information about existing emission factors

ECHO:

Envid: 1014885512
Registry ID: 110039688665
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110039688665

Envid: 1014885512
Registry ID: 110043878792
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110043878792

**NPL
Region
SW
1/2-1
3907 ft.**

**OMAHA LEAD
INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 68102**

**NPL 1001814550
SEMS NESFN0703481
US ENG CONTROLS
US INST CONTROL
ROD
PRP
LEAD SMELTERS**

NPL:

EPA ID: NESFN0703481
Cerclis ID: 703481
EPA Region: 7
Federal: N
Final Date: 2003-04-30 00:00:00
Site Score: 50
Latitude: 41.267769999999999
Longitude: -95.929720000000003

Site Details:

Site Name: OMAHA LEAD
Site Status: Final
Site Zip: 681021895
Site City: OMAHA
Site State: NE
Federal Site: No
Site County: DOUGLAS
EPA Region: 07
Date Proposed: 02/26/02
Date Deleted: Not reported
Date Finalized: 04/30/03

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: D008
Substance: LEAD (PB)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

CAS #: 7439-92-1
Pathway: SOIL EXPOSURE PATHWAY
Scoring: 4

Summary Details:

Conditions at Proposal February 26, 2002): The Omaha Lead site includes surface soils present at residential properties, child care facilities, schools, and other residential-type properties in the city of Omaha, Douglas County, Nebraska that have been contaminated as a result of air emissions from lead smelting operations. The total area of the Omaha Lead site is approximately 8,840 acres. The site is being proposed to the NPL because of the presence of lead contamination in soil at residential properties, child care facilities, schools, and other residential-type properties. The Asarco facility conducted lead refining operations from the early 1870s until 1996. The Asarco facility is located on approximately 23 acres on the west bank of the Missouri River in downtown Omaha. During the operational period, lead and other heavy metals were emitted into the atmosphere through smoke stacks. The pollutants were transported downwind in various directions and deposited on the ground surface due to the combined process of turbulent diffusion and gravitational settling. In addition, Gould, Inc., operated as a lead battery recycling plant and was considered a secondary lead smelter in the area. The Gould, Inc., plant closed in 1982. Several other businesses in the Omaha area utilized lead in their manufacturing process. Subsequently in 1998, the Omaha City Council solicited assistance from the U.S. Environmental Protection Agency (EPA) in addressing problems with lead contamination in the Omaha area. The EPA initiated the process to investigate the lead contamination in the area under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act. An ongoing removal action included excavation of lead-contaminated soils from a number of properties. The criteria for removal included child care facilities and residences where blood lead concentrations in children were equal to or greater than 10 micrograms per deciliter (µg/dl) and where soil samples collected outside the roof drip line) contained lead concentrations equal to or greater than 400 milligrams per kilogram (mg/kg). Currently, removals have occurred at over 290 properties. No further remedial action at these 290 properties is anticipated based on information currently available. EPA prepared a Preliminary Assessment/Site Inspection Report in 2001. This report summarized numerous investigations that have been conducted at the Omaha Lead site. Results of these investigations indicate that lead contamination is present at elevated concentrations up to 2.5 miles from the former Asarco facility. Approximately 65,615 residents are located within the identified area of soil contamination. There are twenty Omaha Public Schools within this area including fifteen elementary schools, one middle school, two high schools, and two special study centers. The total enrollment at the twenty schools is 11,725 students. There are approximately 240 child care facilities within a 3-mile radius of the center of the site. The total number of children attending these facilities is unknown. Several parks and golf courses are present within the identified area of soil contamination. These parks are accessible to the public and provide recreational opportunities to the public. In addition, approximately 135 acres of wetlands are located within the 4-mile radius of the site. Status April 2003): To date, removals have occurred at over 290 properties. These properties do not include the residents, schools, and daycare facilities described above. The description of the site release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices. For more information about

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1-888-42-ATSDR or 1-888-422-8737.

Site Status Details:

NPL Status: Final
Proposed Date: 02/26/2002
Final Date: 04/30/2003
Deleted Date: Not reported

Narratives Details:

NPL Name: OMAHA LEAD
City: OMAHA
State: NE

SEMS:

Site ID: 703481
EPA ID: NESFN0703481
Federal Facility: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0703481
EPA ID: NESFN0703481
Facility County: DOUGLAS
Short Name: OMAHA LEAD
Congressional District: 02
IFMS ID: 07ZY
SMSA Number: 5920
USGC Hydro Unit: Not reported
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: Not reported
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: S
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 07
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Currently on the Final NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 31055
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 7000126.00000
Contact Name: DEBBIE KRING
Contact Tel: (913) 551-7725
Contact Title: Community Involvement Coordinator
Contact Email: Not reported

Contact ID: 7271239.00000
Contact Name: PAULETTA FRANCE-ISETTS
Contact Tel: (913) 551-7701
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: OMAHA LEAD REFINING
Alias Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

Alias ID: 102
Alias Name: OMAHA LEAD
Alias Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

Alias ID: 103
Alias Name: OMAHA LEAD
Alias Address: 500 DOUGLAS STREET
OMAHA, NE 68102

Alias Comments: Not reported

Site Description: The Omaha Lead Site (OLS) includes contaminated surface soils present at residential properties, child-care facilities, and other residential-type properties in the city of Omaha, Nebraska, that have been contaminated as a result of historic air emissions from lead smelting/refining operations. The total area of the site is approximately 20 square miles and encompasses the eastern portion of the greater metropolitan area in Omaha, Nebraska. The site is centered around downtown Omaha, Nebraska, where two former lead processing facilities operated. American Smelting and Refining Company, Inc., (ASARCO) operated a lead refinery at 500 Douglas Street in Omaha, Nebraska, for over 120 years. The Gould, Inc. (Gould) lead battery recycling plant was located at 555 Farnam Street. Both facilities released lead-containing particulates to the atmosphere from their smokestacks. The ASARCO facility conducted lead refining operations at the 500 Douglas Street facility from the early 1870s until 1997. The ASARCO facility was located on approximately 23 acres on the west bank of the Missouri River in downtown Omaha. During the operational period, lead-contaminated particulates were emitted into the atmosphere through smokestacks and other processes. The pollutants were transported downwind in various directions and deposited on the ground surface. Aaron Ferer and Sons opened and operated a secondary lead smelter and lead battery recycling plant from the early 1950s until 1963. In 1963, the facility was purchased by Gould, who operated the facility until it closed in 1982. Land use at the site is residential, since the site is defined to include only residential and residential-type properties. The site is located entirely within the city limits of Omaha, Nebraska, where local zoning ordinances control land use. The continued residential use of property can be reasonably assumed for the majority of the thousands of properties that comprise the site through local zoning control. It is likely that at some point in the future interest will

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

arise in converting some of the current residential properties to non-residential use. Future non-residential use of remediated properties will remain protective of human health since the Remedial Action will provide for unrestricted future use. Also located within the general area of affected residential properties are numerous nonresidential properties, including the Omaha central business district. Non-residential properties are excluded from the site definition. Interest may arise in the future in converting some of the current non-residential property to residential use, particularly for multi-unit dwellings. Institutional controls for the impacted non-residential properties are prudent to assure that land use does not convert to residential without appropriate soil testing and soil response action, as required. Institutional controls to safeguard the conversion of non-residential properties to residential use will be addressed by a final remedial action for the site in a subsequent Record of Decision (ROD). Surface water and ground water are not affected by lead-contaminated soils at the impacted residential properties that comprise the site. Residential households located within the area of concern in Omaha receive their drinking water from the municipal water supply and are generally not served by individual ground water wells. Lead-contaminated surficial soils in residential areas are not believed to represent a significant threat to local ground water conditions. Ground water is not addressed by this ROD due to the limited number of potential receptors and the lack of impact on ground water quality. The most prominent surface water feature potentially affected by site contaminants is the Missouri River immediately east of the site. Public health is not threatened by potential site impacts on surface water quality in the Missouri River. There are no identified drinking water intakes within fifteen miles of the site. Sampling results of water and sediment in the Missouri River immediately adjacent to the ASARCO and Gould facilities did not detect elevated levels of lead contamination. Furthermore, the dilution provided by the tremendous flow of the Missouri River would reduce any potential release of transported site contaminants to non-detectable levels. Future use of surface water and ground water resources should not be affected by lead-contaminated soils at the site or the remedial action described in this ROD. The Douglas County Health Department (DCHD) performed monitoring of the ambient air quality around the ASARCO facility beginning in 1984. This air monitoring routinely measured ambient lead concentrations exceeding the 1.5 micrograms per cubic meter (ug/m3) ambient standard for lead. The highest recorded quarterly average measured in air was 6.57 ug/m3. The DCHD has compiled statistics on the results of blood lead screening of children less than seven years of age for more than 25 years. Blood lead screening of children living in zip codes located east of 45th Street have consistently exceeded the 10 microgram per deciliter (ug/dl) health-based threshold more frequently than children living elsewhere in the county. In 1998, the Omaha City Council requested assistance from the EPA to address the high frequency of children found with elevated blood lead levels by the DCHD. At that time, the EPA began investigating the lead contamination in the Omaha area under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The EPA began sampling residential properties and properties that were used to provide licensed child-care services in March 1999. The general boundaries of residential properties comprising the site were estimated at the time of listing on the EPA National Priorities List (NPL) by establishing a perimeter surrounding the properties that had been determined at the time to exceed 1,200 parts per million (ppm) lead. The area enclosed by this perimeter was approximately 8,840 acres (13.8 square miles), with an estimated population of 65,863 (based upon 1990 Census information). Using Census figures for Douglas County of 2.52 residents per home, this represented approximately 26,000 residences potentially impacted. Twenty public schools were also located within this area.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Soil sampling of residential Omaha properties continued during the site Remedial Investigation (RI). Between March 1999 and January 2004, surface soil samples were collected from 15,012 residential properties. The site RI estimated that 16,000 residential properties may exceed 400 ppm lead, that 5,600 properties may exceed 800 ppm lead, and that 2,800 properties may exceed 1,200 ppm lead. On the basis of sampling data collected during the OLS RI, the focus area of the site was expanded to include an area of approximately twenty square miles (12,800 acres) bounded by Ames Avenue to the north, L Street to the south, 45th Street to the west, and the Missouri River to the east. These boundaries define a general area where the majority of the impacted properties are located. The actual site, however, includes any residential-type property that has become lead-contaminated as a result of historic industrial emissions. The site is defined on a property-to-property basis, and is not defined by a discrete boundary. According to 2000 Census data, the focus area includes 37,554 housing units, including single family and multi-family dwellings. The 2000 Census population for the focus area is 86,958, including 9,395 children less than seven years of age. The OLS Remedial Investigation reported that approximately 34 percent of all the residential properties tested exceeded 400 ppm lead. This percentage increases to approximately 40 percent exceeding 400 ppm if only properties in the focus area were considered. Soils tested in Council Bluffs, Iowa, and Carter Lake, Iowa, have not been found to consistently exceed this concentration. To date, the EPA has sampled approximately 24,000 residential properties in or near the area of interest at the site. Additional sampling is ongoing to complete the characterization of residential properties at the site. Due to the high concentrations of lead detected in yard soils, the EPA initiated a removal action to address lead-contaminated soils that exceed criteria for a time-critical removal action (TCRA) in 1999. This removal response is ongoing. The removal response involves the excavation and replacement of lead-contaminated soil where action levels identified in the Action Memorandum are exceeded. These response actions are currently conducted if: -A child seven years of age or younger (0 to 84 months) residing at the property is identified with an elevated blood level exceeding 10 ug/dl and any non-foundation sample collected from the property exceeds 400 ppm; -A property is a child-care facility, and any non-foundation sample collected from the property exceeds 400 ppm; or -Any non-foundation sample exceeds 1,200 ppm at any residential or residential-type property. During implementation of the Remedial Action, response actions will continue to be prioritized for these categories of residences. The EPA issued a general notice letter under CERCLA authority on August 4, 1999, to ASARCO, Incorporated (ASARCO) asking ASARCO to perform a time-critical removal action to address lead-contaminated soils at child care facilities and residences at the site. In a response dated August 13, 1999, ASARCO stated it was not interested in performing the removal action. On August 30, 1999, the EPA issued a Unilateral Administrative Order (UAO) (Docket Number-CERCLA-7-99-0029), ordering ASARCO to perform the necessary removal action. ASARCO responded on September 7, 1999, stating they would not comply with the UAO. The EPA proceeded with a fund-lead removal action to address the threat associated with the lead contamination in the residential soils, which is ongoing. The EPA subsequently identified three additional potentially responsible parties (PRPs): Union Pacific Railroad Company, Gould Electronics, Inc., and Aaron Ferer & Sons Corporation. The EPA has coordinated with these four PRPs during the implementation of response actions at the site. General notice letters were issued on June 4, 2002, to initiate discussions on the performance of the Remedial Investigation/Feasibility Study (RI/FS). The four parties were not interested in performing the RI/FS so EPA proceeded using fund monies. Special notice letters have not been issued to any of the identified PRPs to date. The site was proposed for the NPL on February 26,

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OMAHA LEAD (Continued)

1001814550

2002. The NPL listing became final for the site on April 30, 2003. The EPA is the lead agency for this project. The Nebraska Department of Environmental Quality (NDEQ) serves as the support agency to EPA. An Interim Record of Decision (ROD) addressing Operable Unit 1 (OU1) of the Omaha Lead Site was completed in December 2004. The Interim ROD expanded the scope of the ongoing response action to include excavation and replacement of residential soils exceeding 400 ppm at typical residential and residential-type properties where the maximum non-foundation soil lead level exceeded 800 ppm, and continued removal and replacement of soils exceeding 400 ppm at child care centers and residences where children with elevated blood lead levels resided. The selected interim remedy added new elements to the response action, including stabilization of deteriorating exterior lead-based paint in cases where the continued effectiveness of the soil response was threatened, high-efficiency interior dust cleaning at eligible properties, health education, and participation in a comprehensive remedy with other agencies and organizations to address all identified lead exposure sources in the community. In March 2005, the scope of the ongoing removal action was amended to include all elements of the Interim ROD, which continued until work commenced under CERCLA remedial authority. Removal response was discontinued when remedial response commenced. Proceeding under CERCLA remedial authority, EPA completed soil excavation and replacement (remediation) at 255 properties in 2005 for a total of 1,060 properties completed under combined removal and remedial authority. During 2006, soil remediation was completed at 1,044 properties under remedial authority. Soil remediation was completed at an additional 1,000 properties in 2007 and 800 properties in 2008. Through the close of the 2008 construction season, soil excavation and replacement under CERCLA removal and remedial authority has been completed at 4,615 residential properties. Stabilization of deteriorating exterior lead-based paint in accordance with the interim remedy commenced in 2007 through a cooperative agreement with the city of Omaha's Lead Hazard Control Program. Stabilization was completed at 18 properties in 2007. In 2008, under both EPA and the city of Omaha contracts, stabilization of deteriorating exterior lead-based paint was completed at 1,169 properties. During implementation of the interim remedy, EPA continued to perform soil lead characterization to support a final remedy for the OLS. In October 2008, EPA released a draft Final Remedial Investigation, which presented results of all site investigations including soil sampling performed at more than 35,000 residential properties. Based on the 2008 data set, EPA established the Final Focus Area for the Site, which defined the area of residential properties that are targeted for sampling. This area is generally bounded by Read Street to the north, 56th Street to the west, Harrison Street (Sarpy County line) to the south, and the Missouri River to the east, and encompasses 17,290 acres (27.0 square miles). The 2000 U.S. Census data for this area shows a total population of 125,650, including 14,117 children seven years of age and younger. Information from the Douglas County Assessor's Office indicates the presence of 39,783 residential properties within the Final Focus Area. Through completion of the OLS Final Remedial Investigation, soil sampling had been completed at 37,076 residential properties, including 34,565 within the Final Focus Area's boundary. Of the residential properties sampled, the 800 ppm soil action level established by the Interim ROD was exceeded at 4,144 properties. An additional 8,552 properties had soil lead levels between 400 ppm and 800 ppm. In total, 34.2 percent of properties sampled through completion of the 2008 RI had at least one mid-yard sample with a soil lead level exceeding 400 ppm. Based on the data trends, the OLS Final FS estimates that soil lead levels will exceed 400 ppm at a total of 14,577 properties when soil sampling is completed at all properties within the Final Focus Area. On the basis of spatial analysis of the data generated during the Final OLS RI, EPA established a Final Focus Area for the

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EPA ID Number

OMAHA LEAD (Continued)

1001814550

OLS. Portions of the Final Focus Area extend for 56th Street to the west, the Missouri River to the east (excluding the Omaha central business district). Read Street to the north, and Harrison Street to the south. The Final Focus Area boundaries define a general area where the majority of the properties impacted by former lead processing emissions are located and soil sampling has been prioritized. The actual site, however, includes any property where soil lead levels exceed EPA criteria for initiating remedial action. The Site is composed of individual properties that exceed the established action levels, defined on a property-to-property basis, and is not defined by a discrete boundary. Following completion of the Interim ROD, special notice letters were issued to the four PRPs on December 16, 2004, requesting payment of past costs and performance of the work under the Interim ROD. A good faith offer for performance of the work was not received. On March 31, 2005, an Administrative Order (Docket No. CERCLA-07-2005-0207) was issued with a delayed effective date to Union Pacific requesting performance of the work required by the Interim ROD. The effective date was extended several times to allow continued discussions with Union Pacific. The Administrative Order became effective on December 16, 2005. Union Pacific responded on January 3, 2006, indicating that it would not comply with all of the provisions of the Administrative Order. EPA proceeded with a fund-lead remedial action to address the threats posed by Site contamination. In August 2005, ASARCO filed for bankruptcy protection under Chapter 11 of the Bankruptcy Code in the Southern District of Texas, Corpus Christi Division. The United States filed a proof of claim in the bankruptcy action to cover all past and future costs associated with the OLS. Numerous other sites and facilities are included in the bankruptcy case. An estimation hearing on the claim for the OLS was held in Corpus Christi, Texas in August 2007. The claim for the Omaha Lead Site has not been determined and the bankruptcy reorganization case is still ongoing. On the basis of studies and other supporting documents in the OLS administrative record, EPA released for public comment a final Proposed Plan for Operable Unit 2 on October 30, 2008. The Proposed Plan proposed lowering the soil lead action level to 400 ppm for all residential-type properties impacted by the former lead processing facilities. On the basis of information in the Final RI, a total of 14,581 properties at the OLS were estimated to be eligible for response. Through the end of the 2008 construction season, soil cleanup had been completed at 4,615 properties at the OLS, leaving an estimated 9,966 properties which would be eligible for soil remediation under Operable Unit 2. Operable Unit 2 includes all remaining remedial response work at the OLS. Work remaining under Operable Unit 1 that has not yet been completed will be accomplished under Operable Unit 2. Properties identified with time-critical conditions, including residences with elevated blood-lead levels in children and high child-impact areas, will continue to receive prioritized response during the final remedy implemented under Operable Unit 2. The precise scope of work remaining to be completed under Operable Unit 2 is not known with certainty since sampling has not been completed to determine eligibility for soil remediation, exterior lead based paint stabilization, and interior dust response. The projections of work remaining presented in the Final Remedial Investigation (RI) and Final Feasibility Study (FS) are based upon trends in data collected through the completion of the 2008 construction season. A ROD addressing Operable Unit 2 was completed in May 2009.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 09/24/98
Priority Level: Not reported

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OMAHA LEAD (Continued)

1001814550

Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 08/02/99
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NEGOTIATION (GENERIC)
Date Started: 08/11/99
Date Completed: 09/07/99
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 02/03/00
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 02/03/00
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Primary

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OMAHA LEAD (Continued)

1001814550

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 04/16/99
Date Completed: 03/09/00
Priority Level: Search Complete, Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: INFORMATION REPOSITORY ESTABLISHED
Date Started: / /
Date Completed: 03/15/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 10/01/98
Date Completed: 08/31/01
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: INTEGRATED ASSESSMENT
Date Started: 10/01/98
Date Completed: 08/31/01
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

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OMAHA LEAD (Continued)

1001814550

Action: COMBINED PRELIMINARY ASSESSMENT/SITE INSPECTION
Date Started: 10/01/98
Date Completed: 08/31/01
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: 09/06/00
Date Completed: 02/26/02
Priority Level: Being considered for proposal to the NPL
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 02/26/02
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMFORT/STATUS LETTER
Date Started: 12/11/02
Date Completed: 01/16/03
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 04/30/03
Priority Level: Not reported
Operable Unit: SITEWIDE

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OMAHA LEAD (Continued)

1001814550

Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CONSENT AGREEMENT (ADMINISTRATIVE)
Date Started: / /
Date Completed: 05/28/03
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL COMMUNITY RELATIONS
Date Started: 01/01/98
Date Completed: 03/25/04
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL
Date Started: 10/22/99
Date Completed: 03/25/04
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: INFORMATION REPOSITORY ESTABLISHED
Date Started: / /
Date Completed: 07/16/04
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA In-House
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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OMAHA LEAD (Continued)

1001814550

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/30/02
Date Completed: 12/15/04
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 12/15/04
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Special Notice Issued
Date Started: / /
Date Completed: 12/16/04
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: NEGOTIATION (GENERIC)
Date Started: 12/16/04
Date Completed: 03/31/05
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: UNILATERAL ADMIN ORDER

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OMAHA LEAD (Continued)

1001814550

Date Started: / /
Date Completed: 03/31/05
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice of Intent by All Parties
Date Started: / /
Date Completed: 01/03/06
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMOVAL
Date Started: 08/22/02
Date Completed: 03/17/06
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN
Date Started: 09/30/04
Date Completed: 03/31/09
Priority Level: Not reported
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 06/18/07
Date Completed: 05/13/09
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: EPA Fund-Financed

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OMAHA LEAD (Continued)

1001814550

Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 05/13/09
Priority Level: Final Remedy Selected at Site
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 01/27/06
Date Completed: 06/05/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: JUDICIAL/CIVIL JUDGMENT
Date Started: / /
Date Completed: 06/05/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL DESIGN
Date Started: 05/13/09
Date Completed: 06/08/09
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: EPA In-House
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

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OMAHA LEAD (Continued)

1001814550

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Special Notice Issued
Date Started: / /
Date Completed: 07/31/09
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL ACTION
Date Started: 07/28/05
Date Completed: 09/30/09
Priority Level: Final RA Report
Operable Unit: CONTAMINATED SOILS
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 12/29/04
Date Completed: 10/23/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: NEGOTIATION (GENERIC)
Date Started: 07/31/09
Date Completed: 05/24/11
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: NEGOTIATION (GENERIC)

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Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Date Started: 07/31/09
Date Completed: 05/27/11
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Lodged By DOJ
Date Started: / /
Date Completed: 06/01/11
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Lodged By DOJ
Date Started: / /
Date Completed: 06/01/11
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: CONSENT DECREE
Date Started: 05/24/11
Date Completed: 08/10/11
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: CONSENT DECREE
Date Started: 05/27/11
Date Completed: 08/10/11
Priority Level: Not reported

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Site

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EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: NEGOTIATION (GENERIC)
Date Started: 06/30/11
Date Completed: 01/19/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Lodged By DOJ
Date Started: / /
Date Completed: 02/09/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: CONSENT DECREE
Date Started: 01/19/12
Date Completed: 03/22/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: NEGOTIATION (GENERIC)
Date Started: 11/15/10
Date Completed: 11/09/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported

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EPA ID Number

OMAHA LEAD (Continued)

1001814550

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: Lodged By DOJ
Date Started: / /
Date Completed: 11/26/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: CONSENT DECREE
Date Started: 11/09/12
Date Completed: 02/04/13
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NOTICE OF INTENT TO PARTIALLY DELETE
Date Started: / /
Date Completed: 06/04/13
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: TECHNICAL ASSISTANCE
Date Started: 03/30/05
Date Completed: / /
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE
Date Started: 08/29/05
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL ACTION
Date Started: 06/08/09
Date Completed: / /
Priority Level: Not reported
Operable Unit: FINAL REMEDIAL ACTION
Primary Responsibility: EPA Fund-Financed
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date: 04/30/03
Fed Register Volume: 68
Page Number: 23077

Fed Register Date: 02/26/02
Fed Register Volume: 67
Page Number: 8836

[Click this hyperlink](#) while viewing on your computer to access
6948 additional US CERCLIS Financial: record(s) in the EDR Site Report.

US ENG CONTROLS:

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Address: INTERSECTION I480 & ABBOTT DRIVE
 OMAHA, NE 681021895
EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Actual Date: 06/30/2009
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Action Completion date: 12/15/2004
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/15/2004
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Revegetation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Engineering Control: Decontamination
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 05/13/2009
Operable Unit: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Contaminated Media : Soil
Engineering Control: Soil Cover
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

US INST CONTROL:

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Direct Mailings
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Health Advisory
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Internet Announcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Listing on Local Hazardous Waste Registry
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Notice in Newspaper
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Radio Announcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Television Announcement
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Buildings/Structures
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Direct Mailings
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Health Advisory

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Internet Announcement
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Listing on Local Hazardous Waste Registry
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Notice in Newspaper

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Radio Announcement
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NESFN0703481
Site ID: 0703481
Name: OMAHA LEAD
Action Name: RECORD OF DECISION
Address: INTERSECTION I480 & ABBOTT DRIVE
OMAHA, NE 681021895

EPA Region: 07
County: DOUGLAS
Event Code: Not reported
Inst. Control: Television Announcement
Actual Date: 06/30/2009
Comple. Date: 05/13/2009
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP name: AARON FERER & SONS, COMPANY
ASARCO, INC. -
ASARCO, INC. -
ASARCO, INC. -
ASARCO, INC. -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMAHA LEAD (Continued)

1001814550

GOULD ELECTRONICS, INC
NL INDUSTRIES
UNION PACIFIC RAILROAD
UNION PACIFIC RAILROAD

Lead Smelter Sites:

Site ID: 0703481
Facility Region Id: 07
NPL Status: Currently on the Final NPL
Federal Facility: No
Primary Site Type Category Description: Manufacturing/Processing/Maintenance
Site Type Category Description 1: Not reported
Site Type Category Description 2: Not reported
Site Type Category Description 3: Not reported
Latitude: 41.267769999999999
Longitude: -95.929720000000003

4
SSE
< 1/8
0.016 mi.
84 ft.

**1655 EAST LOCUST STREET
1491 EAST LOCUST STREET
CARTER LAKE, IA 51510**

**IA ALLSITES S108939156
N/A**

**Relative:
Higher**

ALLSITES:

Site Id Number: 1147
Project Manager: Tami Quam
Ownership Type: Private
Status: Closed
Origin: Environmental Assessment
Program: CERCLA Preremedial
Site Type: Commercial

**Actual:
980 ft.**

5
WSW
< 1/8
0.048 mi.
255 ft.

**KWIK SHOP #520
1202 E LOCUST ST
CARTER LAKE, IA 51510**

**IA LUST U003170848
IA UST N/A
IA SPILLS
IA Financial Assurance**

**Relative:
Higher**

LUST:

Facility ID: 3458
Spill Number: Not reported
Occur Date: Not reported
Discover Date: Not reported
Discover Time: Not reported
Record Date: 11/01/1990
Leak Number: 8LTE38
Loc ID: 65852
Ust ID: 7693
Latitude: 41.28520
Longitude: -95.91418
Start Date: 11/07/1990
Spill Date: Not reported
Date Occurred Time: Not reported
Lead ID: 5
Coordinator ID: 11
Staff ID: 27

**Actual:
980 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

Discover Method ID:	5
Leak Status:	Unknown
Tanks Removed:	Not reported
Created Date:	01/08/2007
Created By:	migration
Last Changed:	01/08/2007
Changed By:	migration
Lust Status:	
ID:	3459
Site Leak Number:	8LTE38
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
Res Soil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

UST/LUST Other: Not reported
Delete: False
Status Memo: Not reported

Lust Misc:

Misc Due Date: Not reported Misc Rec Date: Not reported
Misc Other: Not reported Misc Title: Not reported

Lust Remediation:

Heat Treatment: False
Land Application: False
On Site: False
Achieved Over-Excavation: False
Soil Venting Passive: False
Soil Venting Active: False
BioRemediation Passive: False
BioRemediation Active: False
In Situ GW Treatment - Air Sparging: False
Ground Water: False
Fresh Water: False
IGT - pH Adjustment: False
Nutrient: False
Oxygen: False
Biological: False
Permit Date: Not reported
Other: False
Surface Treatment - Carbon Absorption: False
Biological: False
ST Other: False
TDT Sanitary Sewer: False
TDT Storm Sewer: False
Stream: False
TDT Other: False
Reduced Risk Plugged Well: False
RR Replace: False
RR Relocate: False
RR Other: False
Delete: False
Rem Memo: Not reported

Lust Tier 1 Report:

T1 Assesment Due: 11/16/2000
T1 Received: 01/29/2001
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: 10/22/2001
T1 Revised: Not reported
T1 Reviewed: KDW

T1 Assesment Due: 09/26/2002
T1 Received: 09/19/2002
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: 10/31/2002
T1 Revised: Not reported
T1 Reviewed: KDW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

T1 Assesment Due: 12/19/2002
T1 Received: 12/19/2002
Tier 1 Consultant Recommends: Not reported
T1 Accepted: 01/29/2003
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: KDW

T1 Assesment Due: Not reported
T1 Received: Not reported
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

Lust Administration:

ID: 3459
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 11/07/1990
Owner Broke: No
ER Date: Not reported
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: False
CR Remediation: Not reported
Delete: False
CR Amnt Received: Not reported
CR End Date: Not reported
Memo: Not reported

Lust Track:

ID: 3459
Site Assesment Start Date: 04/22/1991
Free Product Recvry End Date: Not reported
FP Letter Sent Date: Not reported
FP Report Frequency: Not reported
Assesment Report Due: Not reported
Assesment Report Received: Not reported
Assesment Report Approved: Not reported
Achieved Over-Excavation: Not reported
Release Not Verified Date: Not reported
Ref to Contaminated Site Section: Not reported
Cleanup Start Date: 1991-04-22
Cleanup Complete Date: 2003-01-29
Cleanup Report Due Date: Not reported
Cleanup Report Received Date: Not reported
Cleanup Report Approved Date: Not reported
Check Report Due Date: Not reported
Check Report Received Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	2003-01-29
Risk Classification -NFA:	True
Class - Low Risk:	False
Class - High Risk:	False
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	False
NFA Certificate Sent:	2003-04-21
No Action Required:	False
Priority Ranking:	5
Delete:	False
Track Memo:	11/21/91: OVERDUE/'HOLD' LTR SENT. REC'D 11/23. RSPNS DUE 12/3.12/02/91: REC'D RSPNS. REC'D SAAR.11/18/92: FILE REV/SCR LTR SENT. REC'D (NO DATE ON GRN CRD) SCR DUE 3/22/93. 11/09/98: LTR FROM CNSLT STATING THEY ARE SUCH & T1 WILL BE DONE. T1 = 2/9/99.08/27/99: Schedule from Kwik Shop with due date for T1 of 10/24/99.10/01/99: REC'D REQ TO USE PERCENT REDUCTION AT TIER 1 LEVEL. ras.10/04/99: REC'D HARD COPY OF REQUEST TO USE PERCENT REDUX AT T1. ras.10/06/99: ALLOW % REDUX at T1 level AS PER 9/29/99 STAFF MTG. ras.08/24/00: sent first OD letter for T1 -----due 9/7/00.11/02/00: Final OD letter sent - due date for T1 of 11/16/00.01/18/01: REC'D TIER 1 REPORT. (NO TIER 1 DISK REC'D).01/29/01: REC'D TIER 1 DISK.10/22/01: Sent Tier 1 Reject Letter. GC dated 10/26/01. Revised Tier 1 due 01/26/02. KW03/28/02: E-mail to CGWP. T1=04/15/02. Jh04/12/02: E-mail from Matt Jacobs, GSI, with submittal date of 5/31/02 for the Tier 1.07/03/02: Letter from fund to Roark concerning settlement agreement, and giving 9/26/02 as date for T1 (and T2, if necessary).09/18/02: REC'D REVISED TIER 1 REPORT.09/19/02: REC'D TIER 1 DISK PER E-MAIL. Bsg09/23/02: REC'D TIER 1 DISK.09/25/02: REC'D TIER 1 DISK. GAB REC'D FROM GSI, OMAHA. Bsg10/31/02: Sent Revised Tier 1 reject letter. GC dated 11/04/02. 2nd Revised Tier 1 due 12/19/02. --kw12/19/02: REC'D REVISED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

TIER 1 REPORT & DISK.01/29/03: Sent NAR letter. 3 deficiencies require correction. --kw02/07/03: Rec'd call from GSI. After discussion informed them not to refigure % reduction again because they have confused me enough already. Ignore first part of first deficiency. --kw02/13/03: Rec'd GAB letter approving well abandonment budget by GSI for \$955. --kw04/11/03: REC'D WELL ABANDONMENT FORMS & TIER 1 REVISIONS. Bsg04/18/03: Gave NFA Certificate to Sherry for processing. --kw10/13/04: Reopened as LUST No. 9LTL72. Rec'd UST Closure Report. Detected GW & soil concentrations greater than source concentrations used in the Tier 1. --kw

Facility ID: 6081
Spill Number: Not reported
Occur Date: Not reported
Discover Date: 08/05/2004
Discover Time: Not reported
Record Date: 10/08/2004
Leak Number: 9LTL72
Loc ID: 65853
Ust ID: 7693
Latitude: 41.28521
Longitude: -95.91419
Start Date: 10/11/2004
Spill Date: Not reported
Date Occurred Time: Not reported
Lead ID: 4
Coordinator ID: 11
Staff ID: 6924
Discover Method ID: Not reported
Leak Status: Unknown
Tanks Removed: 0
Created Date: 01/08/2007
Created By: migration
Last Changed: 02/20/2008
Changed By: pmcdern

Lust Status:
ID: 6090
Site Leak Number: 9LTL72
Discovered During: C
Tanks Removed: 2
Leak Cause: Not reported
Gas: Yes
Diesel: Not reported
Oil: Not reported
Kerosene: Not reported
Released Fuel Oil: Not reported
Released Hydraulic Oil: Not reported
Released Other Petroleum: Not reported
Released Unknown: Not reported
Released Non_Petroleum Chemical: Not reported
Gallons Released: Not reported
Leak Status: Stopped
Loc Soil: Not reported
Loc Ground Water: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
Res Soil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Yes
Res Impacted Ground Water:	Yes
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	False
Status Memo:	Not reported

Lust Cause:

Release Cause: Unknown

Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	06/27/2005
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

Lust Tier 2 Report:

T2 Assesment Due:	04/15/2005
T2 Received:	06/27/2005
T2 Accepted:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

T2 Rejected: 08/17/2005
T2 Reviewed: Not reported

T2 Assesment Due: 11/19/2005
T2 Received: Not reported
T2 Accepted: Not reported
T2 Rejected: Not reported
T2 Reviewed: Not reported

Lust Administration:

ID: 6095
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 09/21/2004
Owner Broke: No
ER Date: Not reported
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: False
CR Remediation: Not reported
Delete: False
CR Amnt Received: 0
CR End Date: Not reported
Memo: Not reported

Lust Track:

ID: 6191
Site Assesment Start Date: Not reported
Free Product Recvry End Date: Not reported
FP Letter Sent Date: Not reported
FP Report Frequency: Not reported
Assesment Report Due: Not reported
Assesment Report Received: Not reported
Assesment Report Approved: Not reported
Achieved Over-Excavation: Not reported
Release Not Verified Date: Not reported
Ref to Contaminated Site Section: Not reported
Cleanup Start Date: Not reported
Cleanup Complete Date: Not reported
Cleanup Report Due Date: Not reported
Cleanup Report Received Date: Not reported
Cleanup Report Approved Date: Not reported
Check Report Due Date: Not reported
Check Report Received Date: Not reported
Check Report Rejected Date: Not reported
Check Report Approved Date: Not reported
Date Classified: Not reported
Risk Classification -NFA: False
Class - Low Risk: False
Class - High Risk: False
Lust Current: Not Classified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	Low Risk
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	False
NFA Certificate Sent:	Not reported
No Action Required:	False
Priority Ranking:	4
Delete:	False
Track Memo:	10/13/04: Sent Tier 1 Required letter. Site was previously 8LTE38. UST Closure Report detected greater concentrations than source concentrations used for 8LTE38. CGWP due 11/15/04. Tier 1 due 01/15/2005. GC no date. --kw10/21/04: REC'D FROM KWIK SHOP LETTER STATING RETAINED DAN KELTNER OF TRILEAF AS CGWP. Bsg12/06/04: Telecon w/ Robin Barber. Will allow slug test results from 8LTE38. Numerous other questions regarding the number & location of soil borings & MWs for T1 investigation. Basically quoted T1 source investigation guidance. --kw12/13/04: E-mail from/to CGWP. Will proceed to Tier 2. Tier 2 SCR due 04/15/05. --kw12/22/04: GAB letter approving Tier 2 budget by Trileaf for \$14,890. --kw02/18/05: E-mail from CGWP. Drilling scheduled for 2/21 and 2/22. --kw06/27/05: REC'D TIER 2 REPORT. TIER 2 SOFTWARE DISK. LR. MTBE WORKSHEET & DISK. bsg06/29/05: Gave file to PEI for review. --kw07/06/05: REC'D SIGNED TIER 2 REPORT COVER PAGE. Bsg08/17/05: Sent Tier 2 reject letter. Major issues w/ K value. Revised Tier 2 due 11/19/05. GC dated 8/22. --kw

UST:

Facility Id:	7693
Loc Id:	7693
Registration:	198607429
Owner Type:	6
Financial Code:	02
Insurer's Name:	ACE ENVIRONMENTAL RISK
Policy Number:	UST G2181037A 012
Policy Start Date:	05/01/2002
Policy End Date:	05/01/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

Registration Sign Date: 04/23/1986
Created By: migration
Created Date: 01/08/2007
Changed By: Nelson.Paul
Last Changed: 05/15/2015
Latitude: 41.28520
Longitude: -95.91418

Tank Info:

Tank Num: 22573
In Use: False
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

Tank Num: 22574
In Use: False
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

Tank Num: 22575
In Use: True
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Steel Int. Lined with Fiberglass
Emergency Power Gen: Not reported

Tank Num: 22576
In Use: True
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Steel Int. Lined with Fiberglass
Emergency Power Gen: Not reported

SPILL:

Facility ID: 011013-AHB-0859
Reported Date: 01/10/2013
Reported Time: 08:59:00
Taken By: Not reported
Spill Date: Not reported
Spill Time: Not reported
6 hr Letter: Not reported
Continuous Release: Not reported
Incident Location: Not reported
Incident Mode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KWIK SHOP #520 (Continued)

U003170848

Incident Type: Not reported
Incident Medium Land: Not reported
Incident Medium Water: Not reported
Incident Medium Air: Not reported
Field Office: 4
Company Name: Kwik Shop #520
Company Address1: 1202 E. Locust
Company Address2: Not reported
Company City/State/Zip: Carter Lake, IA 51510
Company Phone: (712)3475076
Company Fax No: ()
Company Start Date: 07/24/2009
Company End Date: Not reported
Company Contact Name: Darlene Foote
Contact Address1: 1202 E. Locust
Company Contact Address2: Not reported
Company Contact City/State/Zip: Carter Lake, IA 51510
Company Contact Phone: (712)3475076
Company Contact Fax No: ()
Company Contact Start Date: 01/10/2013
Company Contact End Date: Not reported
Initial Instructions: Not reported
Events: Not reported

IA Financial Assurance 1:

Facility ID: 198607429
Insurers Name: ACE ENVIRONMENTAL RISK
Policy End Date: 05/01/2016
Site Status: Not reported
Financial Code: 02
Policy Number: UST G2181037A 012
Policy Start Date: 05/01/2002

B6
WSW
< 1/8
0.107 mi.
567 ft.

1103 LOCUST ST
CARTER LAKE, IA 51510

Site 1 of 3 in cluster B

Relative:
Higher

EDR Historical Auto Stations:

Name: CITY MOTOR CENTER
Year: 2005
Address: 1103 LOCUST ST

Name: CITY MOTOR CENTER
Year: 2006
Address: 1103 LOCUST ST

Name: CITY MOTOR CENTER
Year: 2007
Address: 1103 LOCUST ST

Name: CITY MOTOR CENTER
Year: 2008
Address: 1103 LOCUST ST

Name: CITY MOTOR CENTER

EDR Hist Auto 1015154349
N/A

Actual:
980 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015154349

Year: 2009
Address: 1103 LOCUST ST

Name: CITY MOTOR SUPER SHOP
Year: 2010
Address: 1103 LOCUST ST

Name: CITY MOTOR CENTER
Year: 2011
Address: 1103 LOCUST ST

Name: CITY MOTOR CENTER
Year: 2012
Address: 1103 LOCUST ST

B7
WSW
< 1/8
0.107 mi.
567 ft.

1103 E LOCUST ST
CARTER LAKE, IA 51510

Site 2 of 3 in cluster B

EDR Hist Auto 1015154414
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: CITY MOTOR SUPER SHOP
Year: 2002
Address: 1103 E LOCUST ST

Actual:
980 ft.

Name: CITY MOTOR CTR
Year: 2003
Address: 1103 E LOCUST ST

C8
WNW
1/8-1/4
0.145 mi.
766 ft.

MAGELLAN PIPE LINE - CARTER LAKE
2205 NORTH 11TH STREET
CARTER LAKE, IA 51510

Site 1 of 2 in cluster C

IA LAST S108269624
IA ALLSITES N/A

Relative:
Higher

LAST:

Site ID: 617
Site Status Description: Open
Origin: Environmental Assessment
Type Description: AST
Ownership Type Description: Private
Project Manager: Dan Cook
Program Type Description: Chapter 133

Actual:
980 ft.

ALLSITES:

Site Id Number: 617
Project Manager: Dan Cook
Ownership Type: Private
Status: Open
Origin: Environmental Assessment
Program: Chapter 133
Site Type: AST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B9
West
1/8-1/4
0.148 mi.
782 ft.

CARTER LAKE, CITY OF
950 LOCUST ST
CARTER LAKE, IA 51510
Site 3 of 3 in cluster B

RCRA NonGen / NLR
FTTS
HIST FTTS
FINDS
ECHO

1000401134
IAD981507551

Relative:
Higher

RCRA NonGen / NLR:

Actual:
980 ft.

Date form received by agency: 07/22/1994
Facility name: CARTER LAKE, CITY OF
Facility address: 950 LOCUST ST
CARTER LAKE, IA 51510
EPA ID: IAD981507551
Mailing address: LOCUST ST
CARTER LAKE, IA 51510
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Municipal
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF CARTER LAKE
Owner/operator address: X
X,
Owner/operator country: Not reported
Owner/operator telephone: Not reported
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: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/28/1986
Site name: CARTER LAKE, CITY OF
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE, CITY OF (Continued)

1000401134

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/22/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FTTS INSP:

Inspection Number: 19901023IA009 1
Region: 07
Inspection Date: 10/23/90
Inspector: WENDT
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:

Inspection Number: 19901023IA009 1
Region: 07
Inspection Date: Not reported
Inspector: WENDT
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

FINDS:

Registry ID: 110005756716

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE, CITY OF (Continued)

1000401134

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

ECHO:

Envid: 1000401134
Registry ID: 110005756716
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110005756716

**C10
WNW
1/8-1/4
0.150 mi.
792 ft.**

**PLIBRICO
2815 N 11TH STREET
CARTER LAKE, IA 68110**

**IA UST U003885826
N/A**

Site 2 of 2 in cluster C

**Relative:
Higher**

UST:

Facility Id: 17803
Loc Id: 17803
Registration: 200200048
Owner Type: Not reported
Financial Code: Not reported
Insurer's Name: Not reported
Policy Number: Not reported
Policy Start Date: Not reported
Policy End Date: Not reported
Registration Sign Date: Not reported
Created By: migration
Created Date: 01/08/2007
Changed By: migration
Last Changed: 01/08/2007
Latitude: 41.28257
Longitude: -95.92971

**Actual:
980 ft.**

Tank Info:

Tank Num: 43683
In Use: False
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Not reported
Emergency Power Gen: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

D11
ESE
1/8-1/4
0.156 mi.
825 ft.

ABBOTT AIRPORT PARKING
1655 E LOCUST ST
OMAHA, NE 68110

Site 1 of 2 in cluster D

NE UST **U004053963**
N/A

Relative:
Higher

UST:

Facility:

Actual:
980 ft.

Facility ID: 7775
Owner Name: ABBOTT AIRPORT PARKING
Owner Address: 1655 E LOCUST ST
Owner City,St,Zip: OMAHA, NE 68110
Tanks Currently In Use: 0
Tanks Temp Out Of Use: 0
Tanks Perm Out Of Use: 0
Tanks Closed In Place: 0
Tanks Removed: 1

Owner: ABBOTT AIRPORT PARKING
Owner Address: 1655 E LOCUST ST
Owner City,St,Zip: OMAHA, NE 68110
Owner Phone: Not reported
Tank Corrosion Protection: Not reported
Tank Id/Tank Status: 1 / Not Reported
Tank Contents: Not reported
Tank Size: Not reported
Tank Date Installed: Not reported
Tank Type: Not reported
Tank Construction: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Tank Secondary Containment: Not reported
Piping Construction Material: Not reported

D12
ESE
1/8-1/4
0.156 mi.
825 ft.

ABBOTT AIRP PARK CAR WASH
1655 E LOCUST ST
OMAHA, NE

Site 2 of 2 in cluster D

NE LUST **U001129370**
N/A

Relative:
Higher

LUST:

Actual:
980 ft.

Facility Status: **NO FURTHER ACTION (INCIDENT CLOSED)**
Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
File Number: 101095-TH-0856
Owner/RP: ABBOTT AIRPORT PARKING
SFM Num: 7775
Owner Mailing Address: 1655 E LOCUST ST
Owner Mailing City: OMAHA
Owner Mailing State: NE
Owner Mailing Zip: 68110
Discovery Date: 08/24/1995
Material Released: GASOLINE

Facility Status: **NO FURTHER ACTION (INCIDENT CLOSED)**
Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
File Number: 112993-KM-1400
Owner/RP: ABBOTT AIRPORT PARKING
SFM Num: 7775
Owner Mailing Address: 1655 LOCUST STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABBOTT AIRP PARK CAR WASH (Continued)

U001129370

Owner Mailing City: OMAHA
Owner Mailing State: NE
Owner Mailing Zip: Not reported
Discovery Date: 10/29/1993
Material Released: GASOLINE, ARSENIC, BARIUM

13
WSW
1/8-1/4
0.157 mi.
830 ft.

CARTER LAKE QUICK STOP
1001 LOCUST ST
CARTER LAKE, IA 51510

IA LUST
IA UST
IA Financial Assurance

U003170607
N/A

Relative:
Higher

LUST:

Actual:
980 ft.

Facility ID: 3172
Spill Number: Not reported
Occur Date: Not reported
Discover Date: Not reported
Discover Time: Not reported
Record Date: 10/02/1990
Leak Number: 7LTV95
Loc ID: 65549
Ust ID: 7038
Latitude: 41.28459
Longitude: -95.91602
Start Date: 10/02/1990
Spill Date: Not reported
Date Occurred Time: Not reported
Lead ID: 5
Coordinator ID: 11
Staff ID: 25
Discover Method ID: 5
Leak Status: Unknown
Tanks Removed: Not reported
Created Date: 01/08/2007
Created By: migration
Last Changed: 01/08/2007
Changed By: migration

Lust Status:

ID: 3173
Site Leak Number: 7LTV95
Discovered During: Other
Tanks Removed: 0
Leak Cause: Not reported
Gas: Yes
Diesel: Yes
Oil: Not reported
Kerosene: Not reported
Released Fuel Oil: Not reported
Released Hydraulic Oil: Not reported
Released Other Petroleum: Not reported
Released Unknown: Not reported
Released Non_Petroleum Chemical: Not reported
Gallons Released: 000000000000
Leak Status: Unknown
Loc Soil: Not reported
Loc Ground Water: Yes
Loc Surface Water: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE QUICK STOP (Continued)

U003170607

Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
Res Soil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	False
Status Memo:	Not reported

Lust HICA:

Leak Number:	7LTV95
Registration Number:	198606734
Date CorrectiveActionDesign Report(CADR) Rec:	Not reported
Date CADR Due:	Not reported
Date CADR Approved:	Not reported
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	Not reported

Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	12/27/1999
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	09/18/2006
Misc Other:	Not reported	Misc Title:	REC'D MTBE PER E-MAIL
Misc Due Date:	04/21/1992	Misc Rec Date:	04/27/1992
Misc Other:	Not reported	Misc Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE QUICK STOP (Continued)

U003170607

Lust Remediation:

Heat Treatment:	False
Land Application:	False
On Site:	False
Achieved Over-Excavation:	False
Soil Venting Passive:	False
Soil Venting Active:	False
BioRemediation Passive:	False
BioRemediation Active:	False
In Situ GW Treatment - Air Sparging:	False
Ground Water:	False
Fresh Water:	False
IGT - pH Adjustment:	False
Nutrient:	False
Oxygen:	False
Biological:	False
Permit Date:	Not reported
Other:	False
Surface Treatment - Carbon Absorption:	False
Biological:	False
ST Other:	False
TDT Sanitary Sewer:	False
TDT Storm Sewer:	False
Stream:	False
TDT Other:	False
Reduced Risk Plugged Well:	False
RR Replace:	False
RR Relocate:	False
RR Other:	False
Delete:	False
Rem Memo:	Not reported

Lust Tier 2 Report:

T2 Assesment Due:	12/04/1999
T2 Received:	12/27/1999
T2 Accepted:	Not reported
T2 Rejected:	02/15/2000
T2 Reviewed:	Not reported
T2 Assesment Due:	07/25/2000
T2 Received:	07/19/2000
T2 Accepted:	09/29/2000
T2 Rejected:	Not reported
T2 Reviewed:	TMV

Lust Administration:

ID:	3173
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	10/02/1990
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE QUICK STOP (Continued)

U003170607

CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	False
CR Remediation:	Not reported
Delete:	False
CR Amnt Received:	Not reported
CR End Date:	Not reported
Memo:	Not reported

Lust Track:

ID:	3173
Site Assesment Start Date:	10/16/1990
Free Product Recvry End Date:	10/20/2006
FP Letter Sent Date:	07/16/1991
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	1996-03-07
Cleanup Complete Date:	2006-10-20
Cleanup Report Due Date:	1993-11-23
Cleanup Report Received Date:	1995-05-25
Cleanup Report Approved Date:	1996-03-07
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	2006-10-20
Risk Classification -NFA:	True
Class - Low Risk:	False
Class - High Risk:	False
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE QUICK STOP (Continued)

U003170607

Institutional Control Obtained:

False

NFA Certificate Sent:

Not reported

No Action Required:

False

Priority Ranking:

5

Delete:

False

Track Memo:

02/17/92: OVD FP RCVRY RPT LTR SNT. REC'D 2/21/92. RPT DUE 4/21/92.04/27/92: REC'D FP OP RCVRY RPT.07/20/92: SCR/STOP FP RCVRY OPS LTR SNT. REC'D 7/23. CNSLT DUE 8/23.SCR DUE.01/23/93. SCR REC'D 4/9/93. REJECTED.08/23/93: RP REC'D LTR TO REVISE SCR, DUE IN 90D.03/07/96: SCR REV LTR SNT. REC'D 3/8. HI W/MNTRNG.08/15/97: REC'D SMR.08/05/98: REC'D SMR.05/10/99: T1 ltr snt. Recd 5/12/99. Cnslt = 6/12. T1 = 8/12/99.06/04/99: Ltr from rp/cnslt. Will do T2 & it will be to DNR by 12/4/99.12/27/99: REC'D TIER 2 REPORT & DISK. MTBE WORKSHEET & DISK.02/15/00: Sent T2 reject ltr; revised due 05/18/00; green card dated 02/18/00. --tvb.07/13/00: Sent first OD letter for T2; green card dated 7-17-00 ---- due 7/27/00.07/19/00: REC'D REVISED TIER 2 REPORT & DISK.09/29/00: Sent T2 accept ltr; High Risk; CADR due 02/12/2001 with corrections; green card dated 10/02/2000. --tvb10/12/00: Sent neighbor notice ltr. --tvb.11/15/00: GAB APPROVED SMR TO RECLASSIFY BUDGET.04/23/01: REC'D SMR. TIER 2 DISK.04/25/01: SMR failed soil gas again this time at alternate point to clear SVES acknowledge site CAN'T be reclassified. --tvb05/16/02: SENT OD CADR LETTER. CADR = 5/31/02. (GREEN CARD DATED 5/20/02)05/23/02: Telcon w/K. Levier. Discussing CA options w/RP. Should have a decision by next week. OE being considered. Requested decision & activity schedule if OE is selected. --JH08/29/02: Final OD letter sent for CADR. Due 9/19/0201/21/03: REC'D SMR & DISKETTE. ASKED TO BE RECLASSIFIED TO LOW.10/04/04: Sent SMR accept letter with comments reclassified to low risk with soil gas sampling at alternate point for SVES next SMR due 10/30/04 green card dated 10/08/04 tvb08/01/06: GAB Robins budget approval for SMR by RGD tvb09/18/06: REC'D TIER 2 SMR SOFTWARE & MTBE PER E-MAIL. bsg09/26/06: REC'D SMR. SITE RECLASSIFICATION RECOMMENDED FROM LR TO NAR. Bsg10/20/06: sent nfa letter reclassified with soil gas sampling at the soil source tvb01/05/07: entered free product recovery end data of 10/20/06 site is nfa and changing data bases tvb

UST:

Facility Id: 7038
Loc Id: 7038
Registration: 198606734
Owner Type: 6
Financial Code: 15
Insurer's Name: PMMIC
Policy Number: 8606734
Policy Start Date: 01/02/2016
Policy End Date: 01/01/2017
Registration Sign Date: 04/30/1986
Created By: migration
Created Date: 01/08/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE QUICK STOP (Continued)

U003170607

Changed By: Kock-Niedermayer.Lisa
Last Changed: 08/28/2013
Latitude: 41.28459
Longitude: -95.91602

Tank Info:

Tank Num: 20336
In Use: False
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

Tank Num: 20337
In Use: False
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

Tank Num: 20338
In Use: False
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

Tank Num: 20339
In Use: False
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: Double Wall Steel
Emergency Power Gen: Not reported

Tank Num: 20340
In Use: True
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: FRP
Emergency Power Gen: Not reported

Tank Num: 20341
In Use: True
Tank Type: 1
Tank Brand Id: Not reported
Inert Material Id: Not reported
Filled In Place: Not reported
Material Construction: FRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER LAKE QUICK STOP (Continued)

U003170607

Emergency Power Gen: Not reported

Tank Num: 20342

In Use: True

Tank Type: 1

Tank Brand Id: Not reported

Inert Material Id: Not reported

Filled In Place: Not reported

Material Construction: FRP

Emergency Power Gen: Not reported

Tank Num: 20343

In Use: True

Tank Type: 1

Tank Brand Id: Not reported

Inert Material Id: Not reported

Filled In Place: Not reported

Material Construction: FRP

Emergency Power Gen: Not reported

IA Financial Assurance 1:

Facility ID: 198606734

Insurers Name: PMMIC

Policy End Date: 01/01/2017

Site Status: Not reported

Financial Code: 15

Policy Number: 8606734

Policy Start Date: 01/02/2016

14
West
1/8-1/4
0.225 mi.
1190 ft.

FORMER CLAPP'S SERVICE STATION
902 E LOCUST
CARTER LAKE, IA 51510

IA LUST S106861007
N/A

Relative:
Higher

LUST:

Facility ID: 4

Spill Number: 09084-AG-0

Occur Date: Not reported

Discover Date: Not reported

Discover Time: Not reported

Record Date: Not reported

Leak Number: 7LTX42

Loc ID: 62046

Ust ID: 4

Latitude: 41.28525

Longitude: -95.91788

Start Date: 09/16/1988

Spill Date: Not reported

Date Occurred Time: Not reported

Lead ID: 5

Coordinator ID: 11

Staff ID: 6924

Discover Method ID: Not reported

Leak Status: Not reported

Tanks Removed: 0

Actual:
980 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CLAPP'S SERVICE STATION (Continued)

S106861007

Created Date: 01/08/2007
Created By: migration
Last Changed: 03/26/2015
Changed By: Osborn.Lee

Lust Status:

ID: 4
Site Leak Number: 7LTX42
Discovered During: Other
Tanks Removed: 0
Leak Cause: Not reported
Gas: Not reported
Diesel: Not reported
Oil: Not reported
Kerosene: Not reported
Released Fuel Oil: Not reported
Released Hydraulic Oil: Not reported
Released Other Petroleum: Not reported
Released Unknown: Not reported
Released Non_Petroleum Chemical: Not reported
Gallons Released: 000000000000
Leak Status: Unknown
Loc Soil: Not reported
Loc Ground Water: Not reported
Loc Surface Water: Not reported
Loc Water Supply: Not reported
Res Public Water Supply: Not reported
Resources Water Well: Not reported
Res Actual Drinking WW: Not reported
Res Non-Drink WW: Not reported
Res Soil: Not reported
Res Ground Water: Not reported
Res Surface Water: Not reported
Res Toxic Vapor: Not reported
Res Explosive Vapor: Not reported
Res Other: Not reported
Res Impacted Soil: Not reported
Res Impacted Ground Water: Not reported
Res Impacted Water Well: Not reported
Res Impacted Pub Water Supply: Not reported
Res Impacted Surface Water: Not reported
Res Impacted Toxic Vapor: Not reported
Res Impacted Explosive Vapor: Not reported
Res Impacted Other: Not reported
Res Impacted Drinking WW: Not reported
Res Impacted Non-Drink WW: Not reported
Res Impacted Potential Non Drink WW: Not reported
Officials Onsite Health: Not reported
Officials Onsite Fire: Not reported
Officials Onsite Law: Not reported
Officials Onsite Civil: Not reported
Officials Onsite None: Not reported
Officials Onsite Unknown: Not reported
Officials Onsite Other: Not reported
AST: Not reported
UST/LUST Other: Not reported
Delete: False
Status Memo: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CLAPP'S SERVICE STATION (Continued)

S106861007

Lust HICA:

Leak Number: 7LTX42
Registration Number: 197900003
Date Corrective Action Design Report (CADR) Rec: Not reported
Date CADR Due: 10/27/2003
Date CADR Approved: Not reported
Date CADR Rejected: Not reported
Date CADR Remediation Started: Not reported
Date CADR Remediation Completed: Not reported
Staff CADR Reviewed By: Not reported

Lust Misc:

Misc Due Date: Not reported
Misc Other: Not reported
Misc Rec Date: 04/13/2001
Misc Title: MTBE WORKSHEET & DISK

Lust Remediation:

Heat Treatment: False
Land Application: False
On Site: False
Achieved Over-Excavation: False
Soil Venting Passive: False
Soil Venting Active: False
BioRemediation Passive: False
BioRemediation Active: False
In Situ GW Treatment - Air Sparging: False
Ground Water: False
Fresh Water: False
IGT - pH Adjustment: False
Nutrient: False
Oxygen: False
Biological: False
Permit Date: Not reported
Other: False
Surface Treatment - Carbon Absorption: False
Biological: False
ST Other: False
TDT Sanitary Sewer: False
TDT Storm Sewer: False
Stream: False
TDT Other: False
Reduced Risk Plugged Well: False
RR Replace: False
RR Relocate: False
RR Other: False
Delete: False
Rem Memo: Not reported

Lust Free Product Recovery:

FPR Report Assessment Due: 12/30/1998
FPR Report Received: 02/03/1999
FPR Report Accepted: Not reported
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CLAPP'S SERVICE STATION (Continued)

S106861007

Lust Tier 2 Report:

T2 Assessment Due: Not reported
T2 Received: 04/13/2001
T2 Accepted: Not reported
T2 Rejected: 05/24/2001
T2 Reviewed: VKS

T2 Assessment Due: 04/15/2003
T2 Received: 05/16/2003
T2 Accepted: 06/27/2003
T2 Rejected: Not reported
T2 Reviewed: VKS

Lust Administration:

ID: 4
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 08/09/1984
Owner Broke: No
ER Date: 07/01/1988
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: False
CR Remediation: Not reported
Delete: False
CR Amnt Received: Not reported
CR End Date: Not reported
Memo: Not reported

Lust 28e:

Counter: 47
Staff Initials: VKS
Type: CONTRACTOR LIST
County: Pottawattamie
Part Of State: WESTERN
Priority Number: Not reported
Reason: RBCA
Responsible Party: STATE FUND ELIGIBLE
RFP No: USTCA9703-01
Removed: True
Date Removed: 06/23/2003
Field Office: 4
Newlist: True
State Lead: Contractor List
Access Letter Mailed: Not reported
Owner Signed Access: 1998-05-05
Signed Access to Contractor: 1998-05-12
Contractor Signed Access: Not reported
Final Access Mailed: Not reported
NFR: Not reported
Start Date: 1998-05-05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CLAPP'S SERVICE STATION (Continued)

S106861007

Memo:

540 gallon diesel UST removed 10/14/98. 560 gallon waste oil UST removed 12/14/98. Tier 1 drilling conducted 12/10/98. UST removal report 2/15/99 (ka). Additional drilling Jan. 2001. 04/13/01: REC'D TIER 2 REPORT & DISK. MTBE WORKSHEET & DISK. 01/31/02: New owner will not allow access per status report from Geotek (ka). 3/13/02 - letter mailed to new owner (M-F Real Estate Inc.) by Wornson. Monitoring wells on site have been covered with asphalt. DNR will contact M-F Real Estate to establish time for monitoring well and fillpipe inspection. DNR asking the M-F Real Estate provide the name of the asphalt contractor who covered mw's and fillpipes to DNR no later than March 22, 2002. If inspection reveals that gw mon wells have not been properly plugged or destroyed, M-F Real Estate or other responsible party will need pay for the expense of installing new wells (ka). 6/11/02 - legal referral by Wornson (ka). 6-14-02: AO 02-UT-06 issued to current prop owner. AO is to provide access, locate, determine utility of wells, & P/A unusable wells. 8/26/02 - Geotek Status Report to Gastineau: "We have not had further contact with the new owner. This project is on hold." (New owner has denied access to property) (ka). 8/27/02: Referral to EPC letter sent for Sept 16, 2002 EPC meeting (DW). 10/03/02 - Butch Levell, new owner of property, signed contract with Geotek, giving access to his property (per Keith DeLange) ka. 10/11/02: Geotek Status Report, "New owner would not allow further work. 02/04/03 - Per James Gastineau, GeoTek having access problems with adjacent property owner (ka). 02/06/03 - e-mail written by James Gastineau establishing 5/1/03 as new due date (ka). 02/07/03 - letter from Geotek to Verne Schrunk requesting extension until May 15, 2003 for Tier 2 (due to death of drafts person) (ka). May 2003 - Geotek Status Report, "Revised Tier 2 report submitted 5/30/03" (ka).

Lust AOSU:

Seq Number: 72
Distribution: N
UST/LUST Other: L
Order Type: Not reported
Legal Ref Start: 1989-06-27
Division ADM Date: 1989-06-27
CE Bureau Date: 1989-06-23
AO Issue Date: 1989-08-04
AO Number: 89-UT-09
Name Of Parties: Not reported
Penalty Due Date: Not reported
Penalty Amount: Not reported
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: False
Staff Initials: VKS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CLAPP'S SERVICE STATION (Continued)

S106861007

Seq Number: 419
Distribution: Not reported
UST/LUST Other: Not reported
Order Type: NEW OWNER ASPHALTED OVER MW AT CONTRACTOR FUND SIT
Legal Ref Start: 2002-06-11
Division ADM Date: Not reported
CE Bureau Date: 2002-06-12
AO Issue Date: 2002-06-14
AO Number: 02-UT-06
Name Of Parties: M-F REAL ESTATE, INC./FRED "BUTCH" LEVELL
Penalty Due Date: 2002-08-19
Penalty Amount: 3200
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: 2002-07-19
In Compliance Date: Not reported
Removed: False
Staff Initials: DW

Lust ATP:

Seq Number: 75
Last Name: CLAPP
Priority Rank: Not reported
Type: L
Reason: SCR
ATP Due: Not reported
ATP Letter: 05/15/1992
Financial Documents Recvd: Not reported
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: False
RP Able to Pay: False
Project Removed: True
Staff Initials: VKS
Comments: Deceased. Fund eligible. Contractor List.

Lust Track:

ID: 5689
Site Assessment Start Date: Not reported
Free Product Recvry End Date: Not reported
FP Letter Sent Date: Not reported
FP Report Frequency: Not reported
Assesment Report Due: Not reported
Assesment Report Received: Not reported
Assesment Report Approved: Not reported
Achieved Over-Excavation: Not reported
Release Not Verified Date: Not reported
Ref to Contaminated Site Section: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CLAPP'S SERVICE STATION (Continued)

S106861007

Cleanup Start Date:	2003-06-26
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	2003-06-27
Risk Classification -NFA:	False
Class - Low Risk:	False
Class - High Risk:	True
Lust Current:	High Risk
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	High Risk
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	Low Risk
T2 GW Vapor to Enclosed Space:	High Risk
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	High Risk
T2 Soil Vapor to Enclosed Space:	High Risk
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	False
NFA Certificate Sent:	Not reported
No Action Required:	False
Priority Ranking:	3
Delete:	False
Track Memo:	INSOLVENCY/'ABILITY TO PAY' SITUATION. SEE P KOGER.SITE WAS REFERRED IN AUGUST OF 1989.ON LUST TRUST FUND LIST.09/22/98: ON FUND CONTRACTORS LIST.09/12/00: Geotek status report. UST removed 12/10/98. Tier 1 drilling 12/10/98. Tier 2 completion target date 10/31/00 (ka).02/02/01: Geotek status report. Extensive plume, additional drilling conducted in Jan. 2001 (ka).04/13/01: REC'D TIER 2 REPORT & DISK. MTBE WORKSHEET & DISK.05/24/01: T2 rev ltr snt. Rej. Recd 8/25. Revsd T2 = 8/27/2001.01/31/02: New owner will not allow access per status report from Geotek (ka).03/04/02: Note to DW on access. --JH03/13/02: DW letter to M-F Real Estate, Butch Levell, new property owner re: GeoTek report that all mw have been asphalted over.06/14/02: AO 02-UT-06 issued to current prop owner. AO is to provide access, locate, determine utility of wells, & P/A unusable wells.08/26/02: Geotek Status Report to Gastineau: "We have not had

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CLAPP'S SERVICE STATION (Continued)

S106861007

further contact with the new owner. This project is on hold." (New owner has denied access to property) (ka).08/27/02: DW referral to EPC letter.09/06/02: E-mail from JH to LW, re LW ?s to DW. Ok to use non-certif lab samples, must address off-site source contrib claim.09/06/02: Geotek Status Report: "Tier 2 rejected 5/24/01. New owner will not allow further work." (ka).10/03/02: Butch Levell, new owner of property, signed contract with Geotek, giving access to his property (per Keith DeLange) ka.11/21/02: REC'D LETTER FROM LINDA WATTS TO LAKESIDE AUTO RECYCLERS RE: LOCATE, REPAIR, AND SAMPLE FOUR MONITORING WELLS.11/22/02: E-mail from Fund to Geotek. T2=01/30/03. --JH02/06/03: E-mail written by James Gastineau establishing 5/1/03 as new due date (ka).02/14/03: REC'D REQUEST FOR TIME EXTENSION FOR SUBMITTAL OF TIER 2 UNTIL 4/15/03. --bsg02/18/03: Te OK snt. T2 = 4/15/03.05/12/03: REC'D REQUEST FOR EXTENSION FOR SUBMITTAL OF THE TIER 2 SCR UNTIL 5/15/03. --bsg05/16/03: REC'D REVISED T2, MTBE & DISKETTE.06/03/03: REC'D COPY OF IOWA GEOLOGICAL SURVEY WELL SEARCH REPORT. Bsg05/20/03: Geotek Status Report, "Revised Tier 2 report submitted 5/30/03" (ka).06/27/03: Revsd T2 rev ltr snt. Ok hi. Rec'd 6/30. CADR = 10/27/03.10/05/04: Ltr snt 'inviting' scheduling 1st mtg re CA.

15
East
1/8-1/4
0.243 mi.
1284 ft.

EASY CAR LEASING LLC, DBA BUDGET RENT A CAR
1755 E LOCUST ST
OMAHA, NE 68110

NE UST U001129369
N/A

Relative:
Higher

UST:

Facility:

Actual:
980 ft.

Facility ID: 6433
Owner Name: EASY CARE LEASING LLC
Owner Address: 1755 E LOCUST ST
Owner City,St,Zip: OMAHA, NE 68110
Tanks Currently In Use: 3
Tanks Temp Out Of Use: 0
Tanks Perm Out Of Use: 0
Tanks Closed In Place: 0
Tanks Removed: 0

Owner: EASY CARE LEASING LLC
Owner Address: 1755 E LOCUST ST
Owner City,St,Zip: OMAHA, NE 68110
Owner Phone: 402-341-0890
Tank Corrosion Protection: Not reported
Tank Id/Tank Status: 1 / Currently in Use
Tank Contents: #2 Diesel
Tank Size: 8000
Tank Date Installed: 1981
Tank Type: Federally Regulated
Tank Construction: Steel
Tank Internal Protection: None
Tank External Protection: Impressed Current Cathodic Protection, Painted(e.g., asphaltic)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EASY CAR LEASING LLC, DBA BUDGET RENT A CAR (Continued)

U001129369

Tank Secondary Containment: Not reported
Piping Construction Material: Steel

Tank Id/Tank Status: 2 / Currently in Use
Tank Contents: Regular Unleaded
Tank Size: 8000
Tank Date Installed: 1981
Tank Type: Federally Regulated
Tank Construction: Steel
Tank Internal Protection: None
Tank External Protection: Impressed Current Cathodic Protection, Painted(e.g., asphaltic)
Tank Secondary Containment: Not reported
Piping Construction Material: Steel

Tank Id/Tank Status: 3 / Currently in Use
Tank Contents: Regular Unleaded
Tank Size: 8000
Tank Date Installed: 1981
Tank Type: Federally Regulated
Tank Construction: Steel
Tank Internal Protection: None
Tank External Protection: Impressed Current Cathodic Protection, Painted(e.g., asphaltic)
Tank Secondary Containment: Not reported
Piping Construction Material: Steel

16
South
1/4-1/2
0.252 mi.
1331 ft.

HOLIDAY INN EXPRESS
2510 ABBOTT PLAZA
CARTER LAKE, IA 51510

IA ALLSITES **S108270107**
N/A

Relative:
Higher

ALLSITES:
Site Id Number: 624
Project Manager: Tami Quam
Ownership Type: Private
Status: Closed
Origin: Environmental Assessment
Program: CERCLA Preremedial
Site Type: Commercial

Actual:
980 ft.

E17
WSW
1/4-1/2
0.259 mi.
1365 ft.

LAKESIDE AUTO RECYCLERS
2813 NORTH 9TH STREET
CARTER LAKE, IA

IA BROWNFIELDS **S109332593**
IA ALLSITES **N/A**

Site 1 of 2 in cluster E

Relative:
Higher

IA BROWNFIELD:
Facility ID: 1188
Status: Closed
Origin: EPA
Program: Brownfield
Site Type: Commercial

Actual:
980 ft.

ALLSITES:
Site Id Number: 1188
Project Manager: Cal Lundberg

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKESIDE AUTO RECYCLERS (Continued)

S109332593

Ownership Type: Private
Status: Closed
Origin: EPA
Program: Brownfield
Site Type: Commercial

E18
WSW
1/4-1/2
0.259 mi.
1365 ft.

LAKESIDE AUTO RECYCLERS
2813 NORTH 9TH STREET
CARTER LAKE, IA 51510

US BROWNFIELDS **1007057747**
N/A

Site 2 of 2 in cluster E

Relative:
Higher

US BROWNFIELDS:

Actual:
980 ft.

Recipient name: R7 Brownfields TBA (previously Superfund TBA)
Grant type: TBA
Property name: LAKESIDE AUTO RECYCLERS
Property #: Not reported
Parcel size: Not reported
Property Description: Private owner - property desired to be purchased by City of Carter Lake, Iowa
Latitude: 41.284216
Longitude: -95.917874
HCM label: Not reported
Map scale: Not reported
Point of reference: Not reported
Datum: Not reported
ACRES property ID: 11085
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 1
Assessment funding source: US EPA - TBA Funding
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: H
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: n/a
Ownership entity: Not reported
Current owner: Not reported
Did owner change: Not reported
Cleanup required: Not reported
Video available: Not reported
Photo available: Not reported
Institutional controls required: Not reported
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: Unknown
State/tribal program date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKESIDE AUTO RECYCLERS (Continued)

1007057747

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKESIDE AUTO RECYCLERS (Continued)

1007057747

Unknown clean up: Not reported
Arsenic contaminant found: Not reported
Cadmium contaminant found: Not reported
Chromium contaminant found: Not reported
Copper contaminant found: Not reported
Iron contaminant found: Not reported
Mercury contaminant found: Not reported
Nickel contaminant found: Not reported
No contaminant found: Not reported
Pesticides contaminant found: Not reported
Selenium contaminant found: Not reported
SVOCs contaminant found: Not reported
Unknown contaminant found: Not reported
Future Use: Multistory Not reported
Media affected Bluiding Material: Not reported
Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported

19
SSW
1/4-1/2
0.290 mi.
1530 ft.

PRAXAIR DISTRIBUTION INC
1100 H AVENUE
CARTER LAKE, IA 51510

IA SWF/LF **S109947595**
IA TIER 2 **N/A**

Relative:
Higher

Actual:
980 ft.

SWF/LF:
Facility ID: 78-SDP-20-01
Facility Type: Industrial Landfill
Permit Stage: Closure
Expiration Date: N/A
Project Officer: Koger
Affiliation: Responsible Official of Agency served, Automated Email
Phone: Work: (732) 738-3424 Fax: (732) 738-9586
Contact Name: Nicholas A DiFranco
Contact Title: Associate Director
Contact eMail: nick_difranco@praxair.com
Contact Company: Praxair, Inc.
Contact Address: PO Box 237
Contact Address2: Not reported
Contact City, St, Zip: Keasbey, NJ 08832
Field Office: 4
Loc Supplement: Not reported
Latitude: 41.281370
Longitude: -95.916169

TIER 2:
Report Year: 2015
Facility Id: 2134
Id: 5169
Description: CHEMICALS AND ALLIED PRODUCTS SIC
Last Modified: Not reported

Id: 424690
Description: Other Chemical and Allied Products Merchant Wholesalers NAICS
Last Modified: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRAXAIR DISTRIBUTION INC (Continued)

S109947595

State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: Not reported
Site Coord Abbreviation: Not reported
Date Signed: 01/14/2008
Date Modified: 02/24/2016
Dike Or Other Safeguard: Not reported
Mailing Address: 1100 Avenue Ave
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28147
Longitude: -95.91631
Notes: Not reported

Contact:

Report Year: 2015
Contact Id: 144618
Date Modified: Not reported
First Name: Richard
Last Name: Pensick
Title: Not reported
Email: Richard_Pensick@praxair.com
Address: 1100 Avenue H
City: Carter Lake
Country: US
State: IA
Zip Code: 51510
Type1: Owner / Operator
Last Modified: Not reported
Telephone: 712-347-5410
Telephone Type: Work

Chemical:

Report Year: 2015
Chem Inv Record Id: 11963
CICAS: 7440-37-1
EHS Chemical: Not reported
Chemical Name: ARGON
Acute: Not reported
Ave Amount: 40000
Ave Amount Code: 7
Max Amount: 70000
Max Amount Code: 8
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: Not reported
Gas: True
Liquid: True
Mixture: True
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported
Trade Secret: Not reported

Chemical Loc:

Report Year: 2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRAXAIR DISTRIBUTION INC (Continued)

S109947595

Record Key: 18330
Chem Inv Record Id: 11963
Type Code: Above ground tank
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Record Key: 18331
Chem Inv Record Id: 11963
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Record Key: 18332
Chem Inv Record Id: 11963
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Ambient temperature
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Chem Inv Record Id: 22433
CICAS: 7727-37-9
EHS Chemical: Not reported
Chemical Name: NITROGEN
Acute: Not reported
Ave Amount: 24000
Ave Amount Code: 6
Max Amount: 36000
Max Amount Code: 7
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: Not reported
Gas: True
Liquid: True
Mixture: True
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported
Trade Secret: Not reported

Chemical Loc:
Report Year: 2015
Record Key: 33032
Chem Inv Record Id: 22433
Type Code: Above ground tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRAXAIR DISTRIBUTION INC (Continued)

S109947595

Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Record Key: 33033
Chem Inv Record Id: 22433
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Ambient temperature
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Record Key: 33034
Chem Inv Record Id: 22433
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Chem Inv Record Id: 22434
CICAS: 7782-44-7
EHS Chemical: Not reported
Chemical Name: OXYGEN
Acute: Not reported
Ave Amount: 42000
Ave Amount Code: 7
Max Amount: 58000
Max Amount Code: 8
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: True
Gas: True
Liquid: True
Mixture: True
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported
Trade Secret: Not reported

Chemical Loc:
Report Year: 2015
Record Key: 33035
Chem Inv Record Id: 22434
Type Code: Above ground tank
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRAXAIR DISTRIBUTION INC (Continued)

S109947595

Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Record Key: 33036
Chem Inv Record Id: 22434
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Record Key: 33037
Chem Inv Record Id: 22434
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Ambient temperature
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Chem Inv Record Id: 22435
CICAS: 124-38-9
EHS Chemical: Not reported
Chemical Name: CARBON DIOXIDE
Acute: Not reported
Ave Amount: 40000
Ave Amount Code: 7
Max Amount: 60000
Max Amount Code: 8
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: Not reported
Gas: True
Liquid: True
Mixture: True
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported
Trade Secret: Not reported

Chemical Loc:
Report Year: 2015
Record Key: 33038
Chem Inv Record Id: 22435
Type Code: Above ground tank
Pressure Code: Greater than ambient pressure
Temperature Code: Less than ambient temperature but not cryogenic
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRAXAIR DISTRIBUTION INC (Continued)

S109947595

Report Year: 2015
Record Key: 33039
Chem Inv Record Id: 22435
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Less than ambient temperature but not cryogenic
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Record Key: 33040
Chem Inv Record Id: 22435
Type Code: Cylinder
Pressure Code: Greater than ambient pressure
Temperature Code: Ambient temperature
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Chem Inv Record Id: 28716
CICAS: 74-98-6
EHS Chemical: Not reported
Chemical Name: PROPANE
Acute: Not reported
Ave Amount: 43180
Ave Amount Code: 7
Max Amount: 76000
Max Amount Code: 9
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: True
Gas: True
Liquid: True
Mixture: Not reported
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported
Trade Secret: Not reported

Chemical Loc:
Report Year: 2015
Record Key: 43243
Chem Inv Record Id: 28716
Type Code: Above ground tank
Pressure Code: Greater than ambient pressure
Temperature Code: Ambient temperature
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRAXAIR DISTRIBUTION INC (Continued)

S109947595

Facility Id: 2134
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: Not reported
Site Coord Abbreviation: Not reported
Date Signed: 01/14/2008
Date Modified: 02/13/2015
Dike Or Other Safeguard: Not reported
Mailing Address: 1100 Avenue Ave
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28147
Longitude: -95.91631
Notes: Not reported

Report Year: 2013
Facility Id: 2134
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: Not reported
Site Coord Abbreviation: Not reported
Date Signed: 01/14/2008
Date Modified: 02/27/2014
Dike Or Other Safeguard: Not reported
Mailing Address: 1100 Avenue Ave
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28147
Longitude: -95.91631
Notes: Not reported

Report Year: 2012
Facility Id: FAIDSIT2A00002134
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: True
Site Coord Abbreviation: False
Date Signed: 01/01/1900
Date Modified: 02/03/2012
Dike Or Other Safeguard: False
Mailing Address: 1100 Avenue Ave
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28147
Longitude: -95.91631
Notes: Not reported

Report Year: 2012
Facility Id: FAIDSIT2A00002134
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: True
Site Coord Abbreviation: False
Date Signed: 02/26/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRAXAIR DISTRIBUTION INC (Continued)

S109947595

Date Modified: 02/26/2013
Dike Or Other Safeguard: False
Mailing Address: 1100 Avenue Ave
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28147
Longitude: -95.91631
Notes: Not reported

Report Year: 2010
Facility Id: FAIDSIT2A00002134
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: True
Site Coord Abbreviation: False
Date Signed: 2011-01-19T11:01:29
Date Modified: 3/30/2011
Dike Or Other Safeguard: False
Mailing Address: 1100 Avenue Ave
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.281475
Longitude: -95.916314999999997
Notes: Not reported

Report Year: 2009
Facility Id: FAIDSIT2A00002134
State Id: IA
Fire District: Carter Lake Fire Department
Site Map: True
Site Coord Abbreviation: False
Date Signed: 2010-01-28T09:54:10
Date Modified: 2010-01-28T09:53:45
Dike Or Other Safeguard: False
Mailing Address: 1100 Avenue Ave
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.281475
Longitude: -95.916314999999997
Notes: Not reported

F20
South
1/4-1/2
0.299 mi.
1578 ft.

THRIFTY CAR RENTAL
2323 ABBOTT DR
OMAHA, NE 68110
Site 1 of 2 in cluster F

NE LUST 1005879736
FINDS N/A
ECHO

Relative:
Higher

LUST:

Actual:
980 ft.

Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)
Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
File Number: 020791-99-0002
Owner/RP: J K RENTAL INC
SFM Num: 6075
Owner Mailing Address: PO BOX 19001
Owner Mailing City: OMAHA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THRIFTY CAR RENTAL (Continued)

1005879736

Owner Mailing State: NE
Owner Mailing Zip: 68119
Discovery Date: 11/06/1990
Material Released: GASOLINE

FINDS:

Registry ID: 110010171367

Environmental Interest/Information System
STATE MASTER

ECHO:

Envid: 1005879736
Registry ID: 110010171367
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110010171367

F21
South
1/4-1/2
0.299 mi.
1578 ft.

THRIFTY CAR RENTAL
2323 ABBOTT DR, SE CNRN 22ND A
OMAHA, NE

NE LUST **S100065587**
N/A

Site 2 of 2 in cluster F

Relative:
Higher

LUST:

Actual:
980 ft.

Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)
Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
File Number: 021601-99-0000
Owner/RP: JOHN KRAFT CHEVROLET
SFM Num: 6075
Owner Mailing Address: 8505 CROWN PT AVE
Owner Mailing City: OMAHA
Owner Mailing State: NE
Owner Mailing Zip: 68134
Discovery Date: 07/31/2000
Material Released: GASOLINE

G22
West
1/4-1/2
0.303 mi.
1600 ft.

HAMILTON PROPERTY
823 LOCUST STREET
CARTER LAKE, IA 51510

IA LUST **S111284300**
IA Financial Assurance **N/A**

Site 1 of 2 in cluster G

Relative:
Higher

LUST:

Actual:
980 ft.

Facility ID: 6441
Spill Number: Not reported
Occur Date: Not reported
Discover Date: 10/11/2010
Discover Time: Not reported
Record Date: 01/31/2011
Leak Number: 9LTP21
Loc ID: 79554
Ust ID: 18179
Latitude: 41.28494
Longitude: -95.91889

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAMILTON PROPERTY (Continued)

S111284300

Start Date: 07/11/2011
Spill Date: Not reported
Date Occurred Time: Not reported
Lead ID: 4
Coordinator ID: 7182
Staff ID: 6925
Discover Method ID: 0
Leak Status: 0
Tanks Removed: 0
Created Date: 07/11/2011
Created By: bonnie.garrison@dnr.iowa.gov
Last Changed: 02/16/2016
Changed By: Vander Bloemen.Tammy

IA Financial Assurance 1:
Facility ID: 197910637
Insurers Name: None
Policy End Date: Not reported
Site Status: Not reported
Financial Code: 16
Policy Number: Not reported
Policy Start Date: Not reported

G23
West
1/4-1/2
0.303 mi.
1600 ft.

HAMILTON PROPERTY
821 AND 823 LOCUST
CARTER LAKE, IA 51510

Site 2 of 2 in cluster G

US BROWNFIELDS
FINDS
ECHO

1016353010
N/A

Relative:
Higher

US BROWNFIELDS:

Actual:
980 ft.

Recipient name: Carter Lake, City of
Grant type: Assessment
Property name: HAMILTON PROPERTY
Property #: 754420281006
Parcel size: .27
Property Description: Currently vacant. Formerly Hamilton's Standard Amoco gas station.
Past owner: Abel Hamilton and Ella Swanson Hamilton.
Latitude: 41.28474
Longitude: -95.918185
HCM label: Address Matching-Digitized
Map scale: Not reported
Point of reference: Center of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 98865
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 3684
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAMILTON PROPERTY (Continued)

1016353010

Grant type:	P
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	98796501
Ownership entity:	Private
Current owner:	Fred-Milton Hamilton
Did owner change:	N
Cleanup required:	Unknown
Video available:	No
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.27

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAMILTON PROPERTY (Continued)

1016353010

Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

FINDS:

Registry ID: 110039688656

Environmental Interest/Information System

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

ECHO:

Envid: 1016353010
Registry ID: 110039688656
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110039688656

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

24
SW
1/4-1/2
0.322 mi.
1699 ft.

O & P WAREHOUSE
900 AVENUE H
CARTER LAKE, IA 51510

IA ALLSITES **S108270204**
N/A

Relative:
Higher

ALLSITES:
Site Id Number: 583
Project Manager: Tami Quam
Ownership Type: Private
Status: Closed
Origin: Environmental Assessment
Program: CERCLA Preremedial
Site Type: Commercial

Actual:
980 ft.

25
East
1/4-1/2
0.406 mi.
2146 ft.

CARTER WHITE LEAD NORTH SITE
2107 EAST LOCUST ST.
OMAHA, NE

NE INST CONTROL **S113907299**
N/A

Relative:
Higher

NE INSTUTIONAL CONTROL:

Lat/Long: Not reported
Category: Informational
Type: Restrictive Covenant - UECA
Media: Soil
Compliance Reporting: Annual reporting by then-current simple fee owner
Geographic Area: The following described real property, situated in Omaha, Douglas County, Nebraska, together with all buildings and improvements located thereon: Lots Six (6), Seven (7), Eight (8), Nine (9), Ten (10), Eleven (11) in Block Five (5), in East Omaha Land Company's Subdivision, in the City of Omaha, Douglas County, Nebraska, being a subdivision of the South Half (1/2) of Lot Six (6) and the North Half (1/2) of Lot Fifteen (15), East Omaha Land Company's Land and described as being within the Northeast Quarter of the Southwest Quarter (NE1/4 of SW 1/4) of Section Twelve (Sec 12), Township Fifteen North (T 15 N), Range Thirteen East (R 13 E), Sixth (6th) Principal Meridian in Douglas County, Nebraska, formerly described as part of the Southeast Quarter of the Northeast Quarter (SE 1/4 of NE 1/4) of Section Twenty One (Sec 21), Township Seventy Five North (T 75 N), Range Forty Four West (R 44 W), Fifth (5th) Principal Meridian, Pottawattamie County, Iowa. Lots Twelve (12), Thirteen (13), Fourteen (14), Fifteen (15), Sixteen (16) and Seventeen (17), all in Block Five (5), East Omaha Land Company's Subdivision of Lots Six (6) and Fifteen (15), East Omaha Land Company's Land, an Addition to the City of Omaha, as surveyed, platted and recorded in Douglas County, Nebraska. Lot 3, Open Door Mission Addition, as surveyed, platted and recorded in Douglas County, Nebraska.

Text: Land Use Limitations There are three types of caps at the Property: 1) an asphalt/concrete cap is in use in some areas; 2) the existing building(s) on the Property serves as a cap for the area covered; and 3) the clean soil cover placed on unpaved portions of the Property pursuant to the environmental response project, as hereinafter described. As long as the foregoing caps are maintained at the Property there shall be no land use limitation on the use of the Property. Disturbance Limitations Lead impacted soils may exist beneath the building(s) and the asphalt/concrete paved surfaces (see Appendix B). If any portion of the building or asphalt/concrete paved surfaces will be demolished or removed, potential lead-impacted soils beneath these features must be addressed appropriately and the work

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER WHITE LEAD NORTH SITE (Continued)

S113907299

approved by the Agencies. Construction limitations in these areas may apply. Unpaved areas of the Property are being remediated to a depth of 12 inches to 24 inches below ground surface through a process of excavation of the contaminated soils and replacement of those soils with clean soil. Brightly colored geotextile fabric are being placed at the base of the excavation prior to the placement of the clean soil to demarcate the depth of excavation and the potential presence of lead-impacted soils below that point. If the demarcation fabric or soils beneath the demarcation fabric are disturbed and remain in the disturbed area, the demarcation layer must be replaced and impacted soils addressed appropriately and the work approved by the Agencies. Construction limitations may apply. Construction Limitations The fee simple owner of the Property will be responsible for the maintenance, repair or replacement of the soil cover in the unpaved and remediated areas and shall maintain the integrity of all development-oriented barriers, i.e., building, asphalt or concrete covers installed on the Property. Prior to the start of any construction activities at the Property that will disturb lead-impacted soils, approval must be obtained from the Agencies. In general, any lead-impacted soils should be treated, capped or disposed of appropriately and any cap/barrier should be maintained appropriately in perpetuity. Other Anyone engaged in subsurface activities at the Property, such as utility or construction workers, must be notified of the presence of residual contamination. A Health and Safety Plan which addresses work to be conducted in lead-impacted soils at the Property must be developed prior to the start of construction. Removal or management of lead-impacted soil areas must be completed by personnel with a level of Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations (Hazwoper) training appropriate to the work being performed.

Restrictions:

Prohibit Soil Disturbance or Excavation without Approval Prohibit Construction/Demolition Activities without Approval Require Notification of Residual Contamination for anyone who may Conduct Subsurface Activities Maintain Engineering Controls

Lat/Long:

Not reported

Category:

Proprietary

Type:

Restrictive Covenant - UECA

Media:

Soil

Compliance Reporting:

Annual reporting by then-current simple fee owner

Geographic Area:

The following described real property, situated in Omaha, Douglas County, Nebraska, together with all buildings and improvements located thereon: Lots 1, 2, 3, 4, 5, 18, 19, 20, 21, 22, A-1, A-2 and P, all in Block 5, in East Omaha Land Company Subdivision, an Addition to the City of Omaha, in Douglas County, Nebraska, sometimes known as Lots in Block 5 in East Omaha and being a subdivision of Lot 6 of East Omaha Land Company's land (Tax Lot 6) and being located in the accretions to Government Lot 10 in Section 1, Township 15 North, Range 13 East of the 6th P.M., Douglas County, Nebraska.

Text:

Land Use Limitations There are three types of caps at the Property: 1) an asphalt/concrete cap is in use in some areas; 2) the existing building on the Property serves as a cap for the area it covers; and 3) the clean soil cover placed on unpaved portions of the Property pursuant to the environmental response project, as hereinafter described. As long as the foregoing caps are maintained at the Property there shall be no land use limitation on the use of the Property. Disturbance Limitations Lead impacted soils may exist

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER WHITE LEAD NORTH SITE (Continued)

S113907299

beneath the Open Door Mission building and the asphalt/concrete paved surfaces (see Appendix B). If any portion of the building or asphalt/concrete paved surfaces will be demolished or removed, potential lead-impacted soils beneath these features must be addressed appropriately and the work approved by the Agencies. Construction limitations in these areas may apply. Unpaved areas of the Property are being remediated to a depth of 12 inches to 24 inches below ground surface through a process of excavation of the contaminated soils and replacement of those soils with clean soil. Brightly colored geotextile fabric are being placed at the base of the excavation prior to the placement of the clean soil to demarcate the depth of excavation and the potential presence of lead-impacted soils below that point. If the demarcation fabric or soils beneath the demarcation fabric are disturbed and remain in the disturbed area, the demarcation layer must be replaced and impacted soils addressed appropriately and the work approved by the Agencies. Construction limitations may apply. Construction Limitations The fee simple owner of the Property will be responsible for the maintenance, repair or replacement of the soil cover in the unpaved and remediated areas and shall maintain the integrity of all development-oriented barriers, i.e., building, asphalt or concrete covers installed on the Property. Prior to the start of any construction activities at the Property that will disturb lead-impacted soils, approval must be obtained from the Agencies. In general, any lead-impacted soils should be treated, capped or disposed of appropriately and any cap/barrier should be maintained appropriately in perpetuity. Other Anyone engaged in subsurface activities at the Property, such as utility or construction workers, must be notified of the presence of residual contamination. A Health and Safety Plan which addresses work to be conducted in lead-impacted soils at the Property must be developed prior to the start of construction. Removal or management of lead-impacted soil areas must be completed by personnel with a level of Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations (Hazwoper) training appropriate to the work being performed.

Restrictions:

Prohibit construction/demolition activities without approval Require notification of residual contamination for anyone who may conduct subsurface activities Prohibit Soil Disturbance or Excavation without Approval Maintain Engineering Controls

26
ESE
1/4-1/2
0.427 mi.
2252 ft.

**FORMER CARTER WHITE LEAD
2717 N 21ST STREET EAST
OMAHA, NE 68110**

**US BROWNFIELDS
FINDS
ECHO**

**1016674324
N/A**

**Relative:
Higher**

US BROWNFIELDS:

Recipient name:

Nebraska Department of Environmental Quality

Grant type:

Section 128(a) State/Tribal

Property name:

FORMER CARTER WHITE LEAD

Property #:

1920110474, 1006730000, 1006700000

Parcel size:

3.87

Property Description:

Historically a blacksmith, carpenter, lumber room, chemical warehouse and Carter White Lead Company. Currently the site is utilized by Fleet Pride which is a supplier of heavy-duty truck and trailer parts. Not reported

Latitude:

41.283651

Longitude:

-95.902538

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CARTER WHITE LEAD (Continued)

1016674324

HCM label:	Global Positioning Method-Unspecified Parameters
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	124780
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	17192
Assessment funding source:	US EPA - State & Tribal Section 128(a) Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	N/A
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	98732203
Ownership entity:	Private
Current owner:	MOWECo, Inc
Did owner change:	N
Cleanup required:	Unknown
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CARTER WHITE LEAD (Continued)

1016674324

PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	3.87
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CARTER WHITE LEAD (Continued)

1016674324

FINDS:

Registry ID: 110043317078

Environmental Interest/Information System

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

ECHO:

Envid: 1016674324
Registry ID: 110043317078
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110043317078

**H27
ESE
1/4-1/2
0.477 mi.
2516 ft.**

**MOWECO INC., FORMER CARTER WHITE LEAD SITE
2716 N 22ND ST. E, 2702 N 22ND ST. E, 2811 N 22ND ST. E, 270
OMAHA, NE 68110
Site 1 of 2 in cluster H**

**US BROWNFIELDS 1016456936
N/A**

**Relative:
Higher**

US BROWNFIELDS:

**Actual:
980 ft.**

Recipient name: R7 TBA (STAG Funded)
Grant type: TBA
Property name: MOWECO INC., FORMER CARTER WHITE LEAD SITE
Property #: 1920110474, 1006730000, 1006700000
Parcel size: 3.55
Property Description: Please refer to the 2012 Phase II Report
Latitude: 41.2831618
Longitude: -95.9012221
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 159006
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 47335
Assessment funding source: US EPA - TBA Funding
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: B
Accomplishment type: Phase II Environmental Assessment
Accomplishment count: 0
Cooperative agreement #: n/a
Ownership entity: Private
Current owner: MOWECO Inc.
Did owner change: N
Cleanup required: Yes
Video available: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOWECO INC., FORMER CARTER WHITE LEAD SITE (Continued)

1016456936

Photo available:	Not reported
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	No
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Y
Other contams found description:	organochlorine pesticides
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOWECO INC., FORMER CARTER WHITE LEAD SITE (Continued)

1016456936

Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	R7 TBA (STAG Funded)
Grant type:	TBA
Property name:	MOWECO INC., FORMER CARTER WHITE LEAD SITE
Property #:	1920110474, 1006730000, 1006700000
Parcel size:	3.55
Property Description:	Please refer to the 2012 Phase II Report
Latitude:	41.2831618
Longitude:	-95.9012221
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Entrance Point of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	159006
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	6000
Assessment funding source:	US EPA - TBA Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	B

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOWECO INC., FORMER CARTER WHITE LEAD SITE (Continued)

1016456936

Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	n/a
Ownership entity:	Private
Current owner:	MOWECO Inc.
Did owner change:	N
Cleanup required:	Yes
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	No
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Y
Other contams found description:	organochlorine pesticides
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOWECO INC., FORMER CARTER WHITE LEAD SITE (Continued)

1016456936

Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: Not reported
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Not reported
Arsenic cleaned up: Not reported
Cadmium cleaned up: Not reported
Chromium cleaned up: Not reported
Copper cleaned up: Not reported
Iron cleaned up: Not reported
mercury cleaned up: Not reported
nickel cleaned up: Not reported
No clean up: Not reported
Pesticides cleaned up: Not reported
Selenium cleaned up: Not reported
SVOCs cleaned up: Not reported
Unknown clean up: Not reported
Arsenic contaminant found: Not reported
Cadmium contaminant found: Not reported
Chromium contaminant found: Not reported
Copper contaminant found: Not reported
Iron contaminant found: Not reported
Mercury contaminant found: Not reported
Nickel contaminant found: Not reported
No contaminant found: Not reported
Pesticides contaminant found: Not reported
Selenium contaminant found: Not reported
SVOCs contaminant found: Not reported
Unknown contaminant found: Not reported
Future Use: Multistory Not reported
Media affected Bluiding Material: Not reported
Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported

**H28
ESE
1/4-1/2
0.479 mi.
2529 ft.**

**HOLT 4-T SERVICE
2716 N 22ND ST EAST
OMAHA, NE**

Site 2 of 2 in cluster H

**NE LUST S102420680
N/A**

**Relative:
Higher**

LUST:

**Actual:
980 ft.**

Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)
Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
File Number: 040193-CT-1150
Owner/RP: MOWECO, INC
SFM Num: 7836
Owner Mailing Address: 1002 GREY FAWN DRIVE
Owner Mailing City: OMAHA
Owner Mailing State: NE
Owner Mailing Zip: 68154
Discovery Date: 12/07/1992
Material Released: LT NAPTHA SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

29
SW
1/4-1/2
0.490 mi.
2589 ft.

PAXTON & VIERLING STEEL COMPANY
501 AVENUE H
CARTER LAKE, IA 51510

IA ALLSITES
IA TIER 2

S109947492
N/A

Relative:
Higher

ALLSITES:

Site Id Number: 2317
Project Manager: Dan Cook
Ownership Type: Private
Status: Closed
Origin: Environmental Assessment
Program: CERCLA Preremedial
Site Type: Industrial

Actual:
980 ft.

TIER 2:

Report Year: 2015
Facility Id: 2152
Id: 3441
Description: FABRICATED STRUCTURAL METAL SIC
Last Modified: Not reported

Id: 332312
Description: Fabricated Structural Metal Manufacturing NAICS
Last Modified: Not reported

State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: Not reported
Site Coord Abbreviation: Not reported
Date Signed: 01/14/2008
Date Modified: 02/25/2016
Dike Or Other Safeguard: Not reported
Mailing Address: 501 Avenue H
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28117
Longitude: -95.92230
Notes: Not reported

Contact:

Report Year: 2015
Contact Id: 111668
Date Modified: Not reported
First Name: Mario
Last Name: Morgan
Title: Not reported
Email: mmorgan@owenind.com
Address: 501 Avenue H
City: Carter Lake
Country: US
State: IA
Zip Code: 51510
Type1: Owner / Operator
Last Modified: Not reported
Telephone: 712-347-5500
Telephone Type: Work

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAXTON & VIERLING STEEL COMPANY (Continued)

S109947492

Chemical:

Report Year: 2015
Chem Inv Record Id: 11992
CICAS: 7440-37-1
EHS Chemical: Not reported
Chemical Name: ARGON
Acute: Not reported
Ave Amount: 5250
Ave Amount Code: 5
Max Amount: 10500
Max Amount Code: 6
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: Not reported
Gas: True
Liquid: True
Mixture: Not reported
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported
Trade Secret: Not reported

Chemical Loc:

Report Year: 2015
Record Key: 18370
Chem Inv Record Id: 11992
Type Code: Above ground tank
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Chem Inv Record Id: 11993
CICAS: 124-38-9
EHS Chemical: Not reported
Chemical Name: CARBON DIOXIDE
Acute: Not reported
Ave Amount: 6000
Ave Amount Code: 5
Max Amount: 12000
Max Amount Code: 6
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: Not reported
Gas: True
Liquid: True
Mixture: Not reported
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAXTON & VIERLING STEEL COMPANY (Continued)

S109947492

Trade Secret: Not reported
Chemical Loc:
Report Year: 2015
Record Key: 18371
Chem Inv Record Id: 11993
Type Code: Above ground tank
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Chem Inv Record Id: 11994
CICAS: 7440-66-6
EHS Chemical: Not reported
Chemical Name: ZINC DUST
Acute: Not reported
Ave Amount: 2100
Ave Amount Code: 4
Max Amount: 4200
Max Amount Code: 4
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: Not reported
Gas: Not reported
Liquid: Not reported
Mixture: Not reported
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: True
Trade Secret: Not reported

Chemical Loc:
Report Year: 2015
Record Key: 18372
Chem Inv Record Id: 11994
Type Code: Plastic or nonmetallic drum
Pressure Code: Ambient Pressure
Temperature Code: Ambient temperature
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2015
Chem Inv Record Id: 11996
CICAS: 7782-44-7
EHS Chemical: Not reported
Chemical Name: OXYGEN
Acute: Not reported
Ave Amount: 14300
Ave Amount Code: 6
Max Amount: 28600

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAXTON & VIERLING STEEL COMPANY (Continued)

S109947492

Max Amount Code: 7
Chronic: Not reported
Last Modified: Not reported
Days On Site: 365
Fire: True
Gas: True
Liquid: True
Mixture: Not reported
Pressure: True
Pure: True
Reactive: Not reported
Solid: Not reported
Trade Secret: Not reported

Chemical Loc:
Report Year: 2015
Record Key: 18374
Chem Inv Record Id: 11996
Type Code: Above ground tank
Pressure Code: Greater than ambient pressure
Temperature Code: Cryogenic conditions
Location: Not reported
Date Last Modified: Not reported
Amount: Not reported

Report Year: 2014
Facility Id: 2152
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: Not reported
Site Coord Abbreviation: Not reported
Date Signed: 01/14/2008
Date Modified: 03/03/2015
Dike Or Other Safeguard: Not reported
Mailing Address: 501 Avenue H
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28117
Longitude: -95.92230
Notes: Not reported

Report Year: 2013
Facility Id: 2152
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: Not reported
Site Coord Abbreviation: Not reported
Date Signed: 01/14/2008
Date Modified: 02/24/2014
Dike Or Other Safeguard: Not reported
Mailing Address: 501 Avenue H
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28117

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAXTON & VIERLING STEEL COMPANY (Continued)

S109947492

Longitude: -95.92230
Notes: Not reported

Report Year: 2012
Facility Id: FAIDSIT2A00002152
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: False
Site Coord Abbreviation: False
Date Signed: 01/01/1900
Date Modified: 02/14/2012
Dike Or Other Safeguard: False
Mailing Address: 501 Avenue H
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28117
Longitude: -95.92230
Notes: Not reported

Report Year: 2012
Facility Id: FAIDSIT2A00002152
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: False
Site Coord Abbreviation: False
Date Signed: 02/15/2013
Date Modified: 02/14/2012
Dike Or Other Safeguard: False
Mailing Address: 501 Avenue H
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.28117
Longitude: -95.92230
Notes: Not reported

Report Year: 2010
Facility Id: FAIDSIT2A00002152
State Id: Not reported
Fire District: Carter Lake Fire Department
Site Map: False
Site Coord Abbreviation: False
Date Signed: 2011-02-17T08:55:05
Date Modified: 3/30/2011
Dike Or Other Safeguard: False
Mailing Address: 501 Avenue H
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.281170000000003
Longitude: -95.922307000000004
Notes: Not reported

Report Year: 2009
Facility Id: FAIDSIT2A00002152
State Id: IA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAXTON & VIERLING STEEL COMPANY (Continued)

S109947492

Fire District: Carter Lake Fire Department
Site Map: False
Site Coord Abbreviation: False
Date Signed: 2010-02-10T14:16:24
Date Modified: 2010-02-10T14:15:39
Dike Or Other Safeguard: False
Mailing Address: 501 Avenue H
Mail City: Carter Lake
Mail State: IA
Mail Zip: 51510
Latitude: 41.281170000000003
Longitude: -95.922307000000004
Notes: Not reported

30
West
1/4-1/2
0.492 mi.
2597 ft.

D&R AUTO SALES 1
506 AND 516 LOCUST STREET
CARTER LAKE, IA 51510

US BROWNFIELDS **1016353009**
FINDS **N/A**
ECHO

Relative:
Higher

US BROWNFIELDS:

Actual:
980 ft.

Recipient name: Carter Lake, City of
Grant type: Assessment
Property name: D&R AUTO SALES 1
Property #: 754420278004 754420278005
Parcel size: .41
Property Description: Gas station using a 502 Locust Street address. Past owner: Clarence G. Fowler.
Latitude: 41.2850733
Longitude: -95.9224833
HCM label: Address Matching-Digitized
Map scale: Not reported
Point of reference: Center of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 98864
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 3684
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: P
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 98796501
Ownership entity: Private
Current owner: William-Stacey Mecseji
Did owner change: N
Cleanup required: Unknown
Video available: No
Photo available: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D&R AUTO SALES 1 (Continued)

1016353009

Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.41
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D&R AUTO SALES 1 (Continued)

1016353009

Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

FINDS:

Registry ID: 110039688647

Environmental Interest/Information System

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

ECHO:

Envid: 1016353009
Registry ID: 110039688647
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110039688647

31
ESE
1/2-1
0.536 mi.
2830 ft.

MONARCH OIL CO
2200 AVENUE H E
OMAHA, NE 68110

Relative:
Higher

Actual:
980 ft.

SHWS:

DEQ ID: 15756
Program Acronym: SF
Directions to Facility: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omaha Box

NE SHWS
NE BROWNFIELDS
NE SPILLS
FINDS
NE NPDES
NE TIER 2
ECHO

1005880440
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

BROWNFIELDS:

Facility ID: 15756
Facility Location Desc: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omaha Box
Program Acronym: BF
Status: O
Latitude: 41.283030
Longitude: 95.902410
Lat/Lon Description: drive (22 St), S Side J St
Lat/Lon Source: DIG-DOQ
Program ID: BF0181
Program Description: Not reported
Program Status: Active
Fstatus Decode Values: Operating

NE SPILL:

File Number: 022015-JB-1010
Owner Name: MONARCH OIL CO
Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)
Incident Type: RAILROAD
SFM Num: NONE
Owner Mailing Address: PO BOX 3189
Owner Mailing City: OMAHA
Owner Mailing State: NE
Owner Mailing Zip: 68103
Discovery Date: 02/20/2015
Material Released: LIQUID ASPHALT

FINDS:

Registry ID: 110010164053

Environmental Interest/Information System
TSCA SUBMITTER

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

STATE MASTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

NE NPDES:

Facility ID: 15756
Directions to Facility: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omha Box
Program Acronym: PCS
NDEQ Program: Not reported
Authorization Type: Not reported
Permit: Not reported
Application Number: Not reported
Issued: Not reported
Expires: Not reported
Extended: Not reported

TIER 2:

Year: 2014
Facility ID: 15756
Location: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omha Box
SR No: 951

Chemical:

Year: 2014
SR No: 951
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin QTS
Year: 2014
SR No: 951
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SBT
Year: 2014
SR No: 951
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin MQ3
Year: 2014
SR No: 951
Case Number: 8052-42-4
EHS: Not reported
Storage Location: Tank farm on east side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3312

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt
Year: 2014
SR No: 951
Case Number: 6/4/7783
EHS: Y
Storage Location: Tank farm on East side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3876
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): HF Asphalt (H2S Only 0.01% By Wt)
Year: 2014
SR No: 951
Case Number: 68334-30-5
EHS: Not reported
Storage Location: Tanks on north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4527
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Diesel Fuel #2
Year: 2014
SR No: 951
Case Number: Not reported
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4138
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2014
SR No: 951
Case Number: 9003-55-8
EHS: Not reported
Storage Location: Tanks 21, 22, 23 & 24 East of s
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4807
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): HF Asphalt
Year: 2014
SR No: 951
Case Number: 64742-04-7
EHS: Not reported
Storage Location: Tanks 21, 22, 23 & 24 East of s
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4690
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): HF Asphalt
Year: 2014
SR No: 951
Case Number: 7647-01-0
EHS: Not reported
Storage Location: Totes, east side of truck scale

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3869
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Hydrochloric Acid Solution

Year: 2013
Facility ID: 15756
Location: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omha Box
SR No: 1545

Chemical:

Year: 2013
SR No: 1545
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin QTS

Year: 2013
SR No: 1545
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120

Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin AA-78
Year: 2013
SR No: 1545
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120

Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SBT
Year: 2013
SR No: 1545
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120

Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin MQ3
Year: 2013
SR No: 1545
Case Number: 8052-42-4
EHS: Not reported
Storage Location: Tank farm on east side of facility
Max. Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Average Amount: Not reported
Chemical ID: 3312
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt
Year: 2013
SR No: 1545
Case Number: 68334-30-5
EHS: Not reported
Storage Location: Tanks on north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4527
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Diesel Fuel #2
Year: 2013
SR No: 1545
Case Number: Not reported
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4138
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2013
SR No: 1545
Case Number: 7647-1-0
EHS: Not reported
Storage Location: Totes, east side of truck scale
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3869
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Hydrochloric Acid Solution
Year: 2013
SR No: 1545
Case Number: 7783-6-4
EHS: Y
Storage Location: Tank farm on East side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3876
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt Extender (H2S only 0.01% by wt)
Year: 2013
SR No: 1545
Case Number: 9003-55-8
EHS: Not reported
Storage Location: Tank warehouse south end of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4807
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): SBS Polymer
Year: 2013
SR No: 1545
Case Number: 1303-96-4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4293
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SA-L
Year: 2013
SR No: 1545
Case Number: 106-99-0
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3363
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Liquid Latex (C2159)

Year: 2012
Facility ID: 15756
Location: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omha Box
SR No: 1522

Chemical:
Year: 2012
SR No: 1522
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin QTS
Year: 2012
SR No: 1522
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin AA-78
Year: 2012
SR No: 1522
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SBT
Year: 2012
SR No: 1522
Case Number: Not reported
EHS: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin MQ3
Year: 2012
SR No: 1522
Case Number: 8052-42-4
EHS: Not reported
Storage Location: Tank farm on east side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3312
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt
Year: 2012
SR No: 1522
Case Number: 68334-30-5
EHS: Not reported
Storage Location: Tanks on north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4527
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Diesel Fuel #2
Year: 2012
SR No: 1522
Case Number: Not reported
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4138
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2012
SR No: 1522
Case Number: 7647-1-0
EHS: Not reported
Storage Location: Totes, east side of truck scale
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3869
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Hydrochloric Acid Solution
Year: 2012
SR No: 1522
Case Number: 7783-6-4
EHS: Y
Storage Location: Tank farm on East side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3876
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt Extender (H2S only 0.01% by wt)
Year: 2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

SR No: 1522
Case Number: 9003-55-8
EHS: Not reported
Storage Location: Tank warehouse south end of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4807
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): SBS Polymer
Year: 2012
SR No: 1522
Case Number: 1303-96-4
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4293
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SA-L
Year: 2012
SR No: 1522
Case Number: 106-99-0
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3363
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Liquid Latex (C2159)

Year: 2011
Facility ID: 15756
Location: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omha Box
SR No: 1479
Chemical:
Year: 2011
SR No: 1479
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin QTS
Year: 2011
SR No: 1479
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin AA-78
Year: 2011
SR No: 1479

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SBT
Year: 2011
SR No: 1479
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin MQ3
Year: 2011
SR No: 1479
Case Number: 8052-42-4
EHS: Not reported
Storage Location: Tank farm on east side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3312
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt
Year: 2011
SR No: 1479
Case Number: 68334-30-5
EHS: Not reported
Storage Location: Tanks on north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4527
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Diesel Fuel #2
Year: 2011
SR No: 1479
Case Number: Not reported
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4138
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2011
SR No: 1479
Case Number: 7647-1-0
EHS: Not reported
Storage Location: Totes, east side of truck scale
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3869
Chemical Reporting Name(Active Ingredient): Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Chemical Reporting Name(Trade Name): Hydrochloric Acid Solution
Year: 2011
SR No: 1479
Case Number: 7783-6-4
EHS: Y
Storage Location: Tank farm on East side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3876
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt Extender (H2S only 0.01% by wt)
Year: 2011
SR No: 1479
Case Number: 9003-55-8
EHS: Not reported
Storage Location: Tank warehouse south end of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4807
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): SBS Polymer
Year: 2011
SR No: 1479
Case Number: 1303-96-4
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4293
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SA-L
Year: 2011
SR No: 1479
Case Number: 106-99-0
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3363
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Liquid Latex (C2159)

Year: 2010
Facility ID: 15756
Location: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omha Box
SR No: 1549

Chemical:
Year: 2010
SR No: 1549
Case Number: 129893-17-0
EHS: Not reported
Storage Location: Tank farm on East side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: NaN
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt Extender

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Year: 2010
SR No: 1549
Case Number: 129893-17-0
EHS: Not reported
Storage Location: Tank farm on East side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: NaN
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt Extender
Year: 2010
SR No: 1549
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin QTS
Year: 2010
SR No: 1549
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin AA-78
Year: 2010
SR No: 1549
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SBT
Year: 2010
SR No: 1549
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin MQ3
Year: 2010
SR No: 1549
Case Number: 8052-42-4
EHS: Not reported
Storage Location: Tank farm on east side of facility
Max. Amount: Not reported
Average Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Chemical ID: 3312
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt
Year: 2010
SR No: 1549
Case Number: 68334-30-5
EHS: Not reported
Storage Location: Tanks on south side of facility, west of railroad tracks
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4527
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Diesel Fuel #2
Year: 2010
SR No: 1549
Case Number: Not reported
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4138
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2010
SR No: 1549
Case Number: 7647-1-0
EHS: Not reported
Storage Location: Totes, east side of truck scale
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3869
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Hydrochloric Acid Solution
Year: 2010
SR No: 1549
Case Number: 7783-6-4
EHS: Y
Storage Location: Tank farm on East side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3876
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt Extender (H2S only 0.01% by wt)
Year: 2010
SR No: 1549
Case Number: 9003-55-8
EHS: Not reported
Storage Location: Tank warehouse south end of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4807
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): SBS Polymer
Year: 2010
SR No: 1549
Case Number: 1303-96-4
EHS: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4293
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SA-L
Year: 2010
SR No: 1549
Case Number: 106-99-0
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3363
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Liquid Latex (C2159)

Year: 2009
Facility ID: 15756
Location: &2500 N 22;N-J,S-G,W-22,E-23;W Sd 23,E Sd Omha Box
SR No: 1617

Chemical:

Year: 2009
SR No: 1617
Case Number: 70892-11-4
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: Not reported
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2009
SR No: 1617
Case Number: 70892-11-4
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: Not reported
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2009
SR No: 1617
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin AA-78
Year: 2009
SR No: 1617
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin MQ3
Year: 2009
SR No: 1617
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin QTS
Year: 2009
SR No: 1617
Case Number: Not reported
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 120
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SBT
Year: 2009
SR No: 1617
Case Number: 8052-42-4
EHS: Not reported
Storage Location: Tank farm on east side of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3312
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Asphalt
Year: 2009
SR No: 1617
Case Number: 68334-30-5
EHS: Not reported
Storage Location: Tanks on south side of facility, west of railroad tracks
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4527
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Diesel Fuel #2
Year: 2009
SR No: 1617
Case Number: Not reported
EHS: Not reported
Storage Location: Tanks south side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4138
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): #5 Fuel Oil
Year: 2009
SR No: 1617

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONARCH OIL CO (Continued)

1005880440

Case Number: 7647-1-0
EHS: Not reported
Storage Location: Totes, east side of truck scale
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3869
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Hydrochloric Acid Solution
Year: 2009
SR No: 1617
Case Number: 9003-55-8
EHS: Not reported
Storage Location: Tank warehouse south end of facility
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4807
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): SBS Polymer
Year: 2009
SR No: 1617
Case Number: 1303-96-4
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 4293
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Indulin SA-L
Year: 2009
SR No: 1617
Case Number: 106-99-0
EHS: Not reported
Storage Location: Tank farm north side of shop
Max. Amount: Not reported
Average Amount: Not reported
Chemical ID: 3363
Chemical Reporting Name(Active Ingredient): Not reported
Chemical Reporting Name(Trade Name): Liquid Latex (C2159)

ECHO:

Envid: 1005880440
Registry ID: 110010164053
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110010164053

**I32
WSW
1/2-1
0.957 mi.
5054 ft.**

**MILKO TOOL & DIE INC
2405 N 11TH ST
OMAHA, NE 68110
Site 1 of 2 in cluster I**

**NE SHWS S108784980
NE NPDES N/A**

**Relative:
Higher**

SHWS:
DEQ ID: 63814
Program Acronym: SF
Directions to Facility: 2401-05-11 11;Abbot Dr&Locust-W on Locust,S on 11

**Actual:
980 ft.**

NE NPDES:
Facility ID: 63814

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILKO TOOL & DIE INC (Continued)

S108784980

Directions to Facility: 2401-05-11 11;Abbot Dr&Locust-W on Locust,S on 11
Program Acronym: PCS
NDEQ Program: Not reported
Authorization Type: Not reported
Permit: Not reported
Application Number: Not reported
Issued: Not reported
Expires: Not reported
Extended: Not reported

I33
WSW
1/2-1
0.969 mi.
5114 ft.

MAGELLAN PIPELINE COMPANY LP
2205 N 11TH ST
OMAHA, NE 68110
Site 2 of 2 in cluster I

NE SHWS **S107688542**
NE LAST **N/A**
NE AIRS
NE NPDES

Relative:
Higher

SHWS:
DEQ ID: 10296
Program Acronym: SF
Directions to Facility: Nicholas-E/End,11St-N,Past Grace,Almst to RRX,E Sd

Actual:
980 ft.

LAST:
File Number: 022615-JB-0810
Owner/RP: MAGELLAN PIPELINE
Facility Status: NOT YET COMPLETELY RESOLVED, OR WORK TEMPORARILY SUSPENDED
Incident Type: ABOVEGROUND STORAGE TANK
SFM Num: NONE
Owner Mailing Address: 2650 106TH ST
Owner Mailing City: URBANDALE
Owner Mailing State: IA
Owner Mailing Zip: 50322
Discovery Date: 02/26/2015
Material Released: BUTANE

NE AIRS:
Facility ID: 10296
Directions to Facility: Nicholas-E/End,11St-N,Past Grace,Almst to RRX,E Sd

NE NPDES:
Facility ID: 10296
Directions to Facility: Nicholas-E/End,11St-N,Past Grace,Almst to RRX,E Sd
Program Acronym: PCS
NDEQ Program: Not reported
Authorization Type: Not reported
Permit: Not reported
Application Number: Not reported
Issued: Not reported
Expires: Not reported
Extended: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

34
SW
1/2-1
0.983 mi.
5190 ft.

ACETYLENE GAS PLANT
902 GRACE ST
OMAHA, NE 68110

NE SHWS
NE BROWNFIELDS
S110084078
N/A

Relative:
Higher

SHWS:

DEQ ID: 19846
Program Acronym: SF
Directions to Facility: NE 10&Grace,NW10&Grace,NE UPR& Grace,10 St Vacated

Actual:
980 ft.

BROWNFIELDS:

Facility ID: 19846
Facility Location Desc: NE 10&Grace,NW10&Grace,NE UPR& Grace,10 St Vacated
Program Acronym: BF
Status: C
latitude: 41.276930
Longitude: 95.927830
Lat/Lon Description: approximate southeast corner of property
lat/Lon Source: DIG-DOQ
Program ID: BF0104
Program Description: Not reported
Program Status: Active
Fstatus Decode Values: Closed

Count: 11 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COUNCIL BLUFFS	1000482625	CITIZENS GAS & ELECTRIC CO	NE & NW CORNERS OF 7TH & 11TH	51501	SEMS, PRP
COUNCIL BLUFFS	S106342658	BNSF RAILWAY COMPANY	16TH AVE & VACATED S 6TH ST	51501	IA LUST
OMAHA	1003862191	LOCUST STREET DRUMS	12TH & LOCUST	68110	SEMS-ARCHIVE, PRP
OMAHA	1003876915	AIR PRODUCTS	9TH ST & GRACE ST	68110	SEMS-ARCHIVE
OMAHA	U000913057	ENTERPRISE RENT-A-CAR	3435 ABBOTT DR	68110	NE LUST, NE UST
OMAHA	1015795865	LOCUST STREET DRUM SITE	JCT N 13TH & LOCUST STS	68110	FINDS, ECHO
OMAHA	S108785258	LOCUST STREET DRUM SITE	JCT N 13TH & LOCUST STS	68110	NE SHWS
OMAHA	S108784927	OMAHA GAS MANUFACTURING FMGP	JCT S 12TH & LEAVENWORTH STS	68102	NE SHWS, NE BROWNFIELDS
OMAHA	S108785123	BINNEY STREET DRUM SITE	JCT N 13TH & BINNEY ST	68110	NE SHWS
OMAHA	S108917790	CARTER WHITE LEAD NORTH SITE	JCT E 21ST & E LOCUST STS	68110	NE SHWS, NE BROWNFIELDS
POTTAWATTAMIE COUNT	S116290305	ANDERSON EXCAVATING CARTER LAKE C&	1824 S 20TH ST		IA SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/18/2016
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/18/2016
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/18/2016
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/13/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2016	Telephone: 703-603-8704
Date Made Active in Reports: 05/20/2016	Last EDR Contact: 04/08/2016
Number of Days to Update: 135	Next Scheduled EDR Contact: 07/18/2016
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/01/2016
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/01/2016
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2015	Source: EPA
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 913-551-7003
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 913-551-7003
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 913-551-7003
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: 913-551-7003
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 03/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Varies

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: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 05/16/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/29/2016
	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: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 05/25/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/12/2016
	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: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 05/25/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/12/2016
	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: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

NE SHWS: Superfund State Program List

The Nebraska Department of Environmental Quality is providing this information from it's own database. The data, although not verified to be the most current or accurate for any specific site, is generally based on the contents of the physical documents in the files. You may contact the Records Management Unit at (402) 471-3557 to make arrangements to view or to get a photocopy of the physical file.

Date of Government Version: 03/22/2016
Date Data Arrived at EDR: 03/24/2016
Date Made Active in Reports: 05/12/2016
Number of Days to Update: 49

Source: Dept. of Environmental Quality
Telephone: 402-471-3557
Last EDR Contact: 03/21/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Varies

IA SHWS: Registry of Hazardous Waste or Hazardous Substance 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: 12/31/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 03/15/2016
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: 515-281-8801
Last EDR Contact: 04/19/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

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

IA SWF/LF: Permitted Solid Waste Management Facilities

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: 03/07/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/02/2016
Number of Days to Update: 55

Source: Department of Natural Resources
Telephone: 515-281-8801
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

NE SWF/LF: Licensed Landfill 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: 01/07/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 03/01/2016
Number of Days to Update: 49

Source: Department of Environmental Quality
Telephone: 402-471-4210
Last EDR Contact: 03/21/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal leaking storage tank lists

IA LAST: Leaking Aboveground Storage Tank Sites

A listing of leaking aboveground storage tank sites.

Date of Government Version: 11/04/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 11/07/2015	Telephone: 515-281-6001
Date Made Active in Reports: 12/09/2015	Last EDR Contact: 04/15/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 08/01/2016
	Data Release Frequency: Quarterly

IA LUST: Leaking Underground Storage Tank Data

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/07/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/18/2016	Telephone: 515-281-6001
Date Made Active in Reports: 05/02/2016	Last EDR Contact: 06/03/2016
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/19/2016
	Data Release Frequency: Quarterly

NE LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/04/2016	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/06/2016	Telephone: 402-471-3557
Date Made Active in Reports: 03/01/2016	Last EDR Contact: 04/08/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: Quarterly

NE LAST: Leaking Aboveground Storage Tank Sites

Releases from an aboveground storage tank system.

Date of Government Version: 01/04/2016	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/06/2016	Telephone: 402-471-3557
Date Made Active in Reports: 03/01/2016	Last EDR Contact: 04/08/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 04/29/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 04/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
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: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
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: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
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: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data 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: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
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: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IA UST: Underground Storage Tank Data

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

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 05/02/2016
Number of Days to Update: 45

Source: Department of Natural Resources
Telephone: 515-281-6001
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

NE UST: Facility and Tank Data

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

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 04/07/2016
Number of Days to Update: 64

Source: Nebraska State Fire Marshal
Telephone: 402-471-9664
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Annually

IA AST: Aboveground Storage Tank Sites

Bulk fuel facilities, commercial fuel operations, private farm sites, and any other storage facility that meets the Department of Public Safety's registration criteria. They register any class I, II or III petroleum product (gas, diesel and oil) above 1,100 gallons.

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 03/15/2016
Number of Days to Update: 63

Source: Department of Public Safety
Telephone: 515-281-5821
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

NE AST: AST Data

A listing of aboveground storage tank site locations. Aboveground storage tanks dispensing hazardous substances must register such tank with this office. Storage tanks of 1000 gallons or less are exempt from this requirement.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/01/2016
Date Made Active in Reports: 04/07/2016
Number of Days to Update: 37

Source: State Fire Marshal
Telephone: 402-471-9465
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
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: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
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: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 04/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 04/29/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 04/29/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/08/2016
	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: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 04/29/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 04/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 08/08/2016
	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: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 04/26/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

IA INST CONTROL: Sites with Institutional Controls

Sites currently enrolled in the Land Recycling Program that have Institutional Controls.

Date of Government Version: 01/19/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/20/2016	Telephone: 515-242-5818
Date Made Active in Reports: 02/03/2016	Last EDR Contact: 04/20/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/01/2016
	Data Release Frequency: Varies

NE INST CONTROL: Nebraska's Institutional Control Registry

A list of sites within Nebraska that have institutional controls. According to the Environmental Protection Agency (EPA), institutional controls are "non-engineering measures designed to prevent or limit exposure to hazardous substances left in place at a site, or assure effectiveness of the chosen remedy. Institutional controls are usually, but not always, legal controls, such as easements, restrictive covenants, and zoning ordinances." In short, institutional controls are a type of environmental covenant typically used when property is to be cleanup to a level determined by the potential environmental risks posed by a planned use, rather than to unrestricted use standards. This method of control has proven to be both environmentally and economically beneficial.

Date of Government Version: 03/14/2016	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/24/2016	Telephone: 402-471-2214
Date Made Active in Reports: 05/12/2016	Last EDR Contact: 03/21/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/04/2016
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

IA VCP: Land Recycling Program Sites

Sites currently enrolled in the Land Recycling Program.

Date of Government Version: 11/04/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 11/07/2015	Telephone: 515-242-5818
Date Made Active in Reports: 12/09/2015	Last EDR Contact: 04/15/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 08/01/2016
	Data Release Frequency: Varies

NE VCP: RAPMA Sites

The Remedial Action Plan Monitoring Act (RAPMA), initially created in 1995, provides property owners and parties responsible for contamination with a mechanism for developing voluntary environmental cleanup plans which are reviewed and approved by the Department.

Date of Government Version: 03/14/2016	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/24/2016	Telephone: 402-471-2186
Date Made Active in Reports: 05/12/2016	Last EDR Contact: 03/21/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/04/2016
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/01/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

State and tribal Brownfields sites

IA BROWNFIELDS: Brownfields Site Listing

Brownfields are abandoned, idled, or under-used industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 32

Source: Department of Natural Resources
Telephone: 515-281-8489
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Quarterly

NE BROWNFIELDS: Potential Brownfields Inventory Listing

"NDEQ defines a brownfields site as subpart (A) of CERCLA ? 101(39): '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.' This is a broad-based approach to capture all potential brownfields sites. In the event that CERCLA 128(a) State Response Program funds are utilized - for example, conducting a Section 128(a) Assessment - the exclusions, site-by-site determinations, and further definitions as provided by the law would need to be met. This would be done on a site-by-site basis." A preliminary Survey and Inventory of Brownfields Sites in Nebraska was constructed based on previously submitted information including sites named specifically by city representatives. The list was built on facility characteristics, which were founded on previous, broad-based contamination experience. Additions to the inventory were made by looking for other sources of potential brownfields sites using Standard Industrial Classification (SIC) codes. A general sector list was constructed to serve as an inventory guide. This list shows all of the different types of sites that are within the inventory (sorted by SIC code), and the number of sites there are of each type. Color-coated blocks, which group together similar SIC codes and the sites that they encompass also sort the sectors.

Date of Government Version: 03/21/2016
Date Data Arrived at EDR: 03/23/2016
Date Made Active in Reports: 05/12/2016
Number of Days to Update: 50

Source: Department of Environmental Quality
Telephone: 402-471-2186
Last EDR Contact: 03/23/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/22/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: No Update Planned

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: 02/18/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 88

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

IA ALLSITES: Contaminated Sites Tracking Database

All the sites included in the Contaminated Sites Tracking Database. The database includes several regulatory compliance programs and actions.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 32

Source: Department of Natural Resources
Telephone: 515-281-4171
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Quarterly

IA DEL SHWS: Delisted Contaminated Sites Listing

A listing of sites delisted from the Contaminated Sites Listing.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 03/15/2016
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: 515-281-8801
Last EDR Contact: 04/19/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/18/2016	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/07/2016	Telephone: 202-307-1000
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 05/31/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 09/12/2016
	Data Release Frequency: Quarterly

Local Land Records

IA LIENS: Liens Filed Listing

A listing of liens filed with the Iowa Comprehensive Petroleum Underground Storage Tank Fund.

Date of Government Version: 02/08/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/10/2016	Telephone: 515-281-5523
Date Made Active in Reports: 03/15/2016	Last EDR Contact: 05/09/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/26/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/08/2016
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-366-4555
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 03/30/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 07/11/2016
	Data Release Frequency: Annually

IA SPILLS: Spills Database

Spill reporting data that is collected during the initial report of an incident.

Date of Government Version: 03/07/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/08/2016	Telephone: 515-281-4367
Date Made Active in Reports: 05/02/2016	Last EDR Contact: 06/08/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 09/19/2016
	Data Release Frequency: Annually

NE SPILLS: Surface Spill List

Releases of petroleum or hazardous substances to the air, land, or water.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2016
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 03/01/2016
Number of Days to Update: 55

Source: Department of Environmental Quality
Telephone: 402-471-2186
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Quarterly

IA 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: 10/17/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/05/2013
Number of Days to Update: 61

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NE 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: 10/09/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

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: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/15/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/25/2016
	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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/20/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/29/2016
	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: 09/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/03/2015	Telephone: 202-566-1917
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 05/18/2016
Number of Days to Update: 61	Next Scheduled EDR Contact: 08/29/2016
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/09/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/22/2016
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/12/2016
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/22/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/24/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/04/2016
	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: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 05/24/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 09/05/2016
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/25/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/08/2016
	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: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/07/2016
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/19/2016
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 08/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/26/2015	Telephone: 202-564-8600
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 04/25/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 08/08/2016
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/12/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/22/2016
	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: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 04/12/2016
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/25/2016
	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: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 04/08/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
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: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
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: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/09/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/18/2016
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 Transportation, Office of Pipeline Safety Incident and Accident data.

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
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: 03/11/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 80

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/07/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
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: 02/09/2016
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

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: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (913) 551-7003
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 03/01/2016
Date Data Arrived at EDR: 03/03/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Varies

IA AIRS: Minor and Title V Sources Listing

A listing of Minor and Title V sources.

Date of Government Version: 09/14/2015
Date Data Arrived at EDR: 09/14/2015
Date Made Active in Reports: 10/21/2015
Number of Days to Update: 37

Source: Department of Natural Resources
Telephone: 515-281-8468
Last EDR Contact: 06/09/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

NE AIRS: Air State Program List

A listing of air program facilities.

Date of Government Version: 03/22/2016
Date Data Arrived at EDR: 03/24/2016
Date Made Active in Reports: 05/12/2016
Number of Days to Update: 49

Source: Department of Environmental Quality
Telephone: 402-471-3389
Last EDR Contact: 03/21/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Quarterly

IA COAL ASH: Coal Ash Disposal Site Listing

A listing of coal combustion residue landfill locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/02/2016
Number of Days to Update: 55

Source: Department of Natural Resources
Telephone: 515-281-8308
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

IA DRYCLEANERS: Iowa Drycleaner List

A listing of drycleaners in Iowa.

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 12/11/2015
Date Made Active in Reports: 02/03/2016
Number of Days to Update: 54

Source: Department of Natural Resources
Telephone: 515-242-5100
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

NE DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Nebraska.

Date of Government Version: 03/22/2016
Date Data Arrived at EDR: 03/24/2016
Date Made Active in Reports: 05/12/2016
Number of Days to Update: 49

Source: Department of Environmental Quality
Telephone: 402-471-3557
Last EDR Contact: 03/21/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NE Financial Assurance: Financial Assurance Information Listing

Financial assurance information for solid and hazardous waste sites.

Date of Government Version: 12/01/2015

Date Data Arrived at EDR: 12/23/2015

Date Made Active in Reports: 03/01/2016

Number of Days to Update: 69

Source: Department of Environmental Quality

Telephone: 402-471-2186

Last EDR Contact: 03/21/2016

Next Scheduled EDR Contact: 07/04/2016

Data Release Frequency: Quarterly

IA Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank 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: 03/07/2016

Date Data Arrived at EDR: 03/18/2016

Date Made Active in Reports: 05/02/2016

Number of Days to Update: 45

Source: Department of Natural Resources

Telephone: 515-242-5086

Last EDR Contact: 06/03/2016

Next Scheduled EDR Contact: 09/19/2016

Data Release Frequency: Quarterly

IA Financial Assurance 2: Financial Assurance Information Listing

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: 12/07/2015

Date Data Arrived at EDR: 12/08/2015

Date Made Active in Reports: 02/03/2016

Number of Days to Update: 57

Source: Department of Natural Resources

Telephone: 515-242-5818

Last EDR Contact: 06/02/2016

Next Scheduled EDR Contact: 09/19/2016

Data Release Frequency: Varies

IA NPDES: List of NPDES Permittees

The files listed below contain information on facilities that hold NPDES permits, or those that are authorized to discharge wastewater to surface waters in Iowa.

Date of Government Version: 01/04/2016

Date Data Arrived at EDR: 02/17/2016

Date Made Active in Reports: 03/15/2016

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: 515-281-4736

Last EDR Contact: 05/20/2016

Next Scheduled EDR Contact: 08/29/2016

Data Release Frequency: Varies

NE NPDES: Wastewater Database Listing

A listing of permitted wastewater facilities.

Date of Government Version: 03/08/2016

Date Data Arrived at EDR: 03/09/2016

Date Made Active in Reports: 05/12/2016

Number of Days to Update: 64

Source: Department of Environmental Quality

Telephone: 402-471-3557

Last EDR Contact: 06/06/2016

Next Scheduled EDR Contact: 09/19/2016

Data Release Frequency: Quarterly

IA TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2015

Date Data Arrived at EDR: 03/22/2016

Date Made Active in Reports: 05/02/2016

Number of Days to Update: 41

Source: Department of Natural Resources

Telephone: 515-725-0302

Last EDR Contact: 03/21/2016

Next Scheduled EDR Contact: 07/04/2016

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NE TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/07/2015
Date Made Active in Reports: 04/21/2015
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 402-471-3557
Last EDR Contact: 06/06/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/23/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Quarterly

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 Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. 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 Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

IA 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 Iowa.

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

NE 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 Environmental Quality in Nebraska.

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 Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

IA 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 Iowa.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/26/2013
Number of Days to Update: 178

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

NE RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Nebraska.

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 Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/06/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facilities

Source: Department of Human Services

Telephone: 515-281-4357

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Iowa

Source: Department of Natural Resources

Telephone: 319-335-1575

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

1302 LOCUST STREET
1302 LOCUST STREET
CARTER LAKE, IA 51510

TARGET PROPERTY COORDINATES

Latitude (North):	41.285473 - 41° 17' 7.70"
Longitude (West):	95.912206 - 95° 54' 43.94"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	256118.4
UTM Y (Meters):	4574327.0
Elevation:	980 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6713754 OMAHA NORTH, NE
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

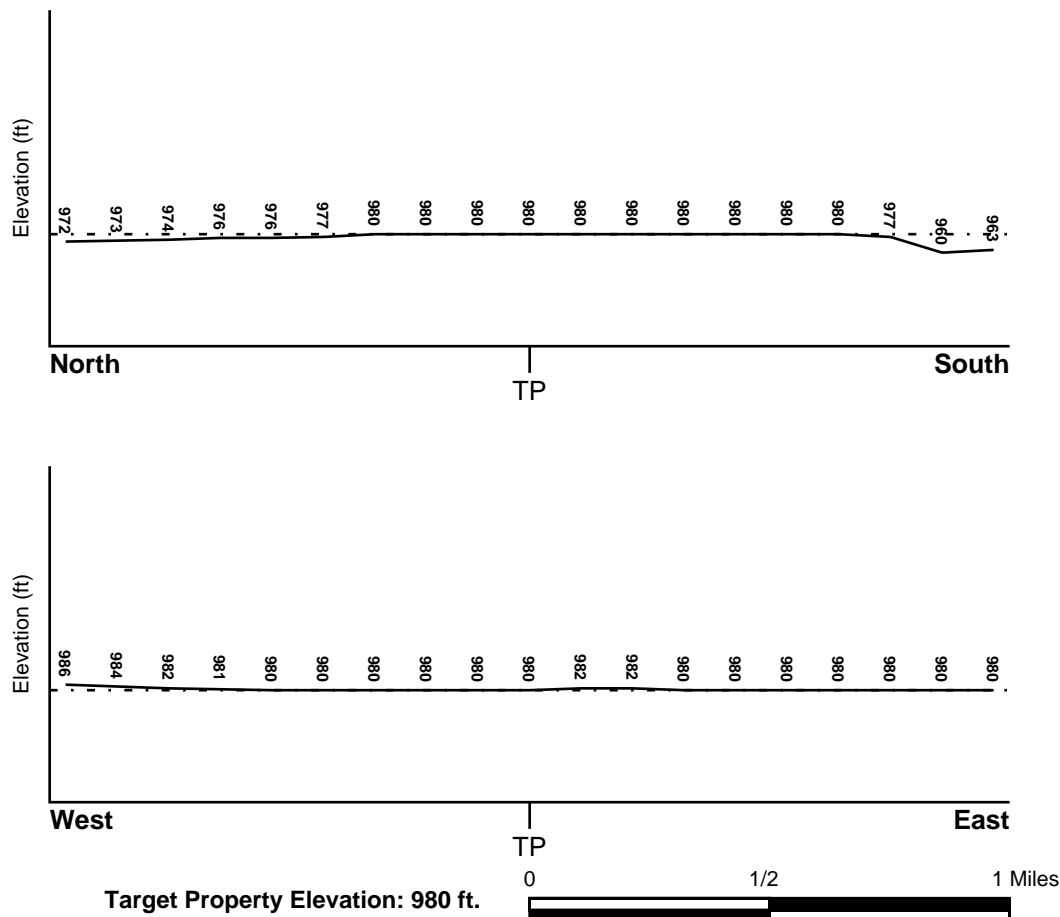
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> POTTAWATTAMIE, IA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	19155C - FEMA DFIRM Flood data
Additional Panels in search area:	31055C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> OMAHA NORTH	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

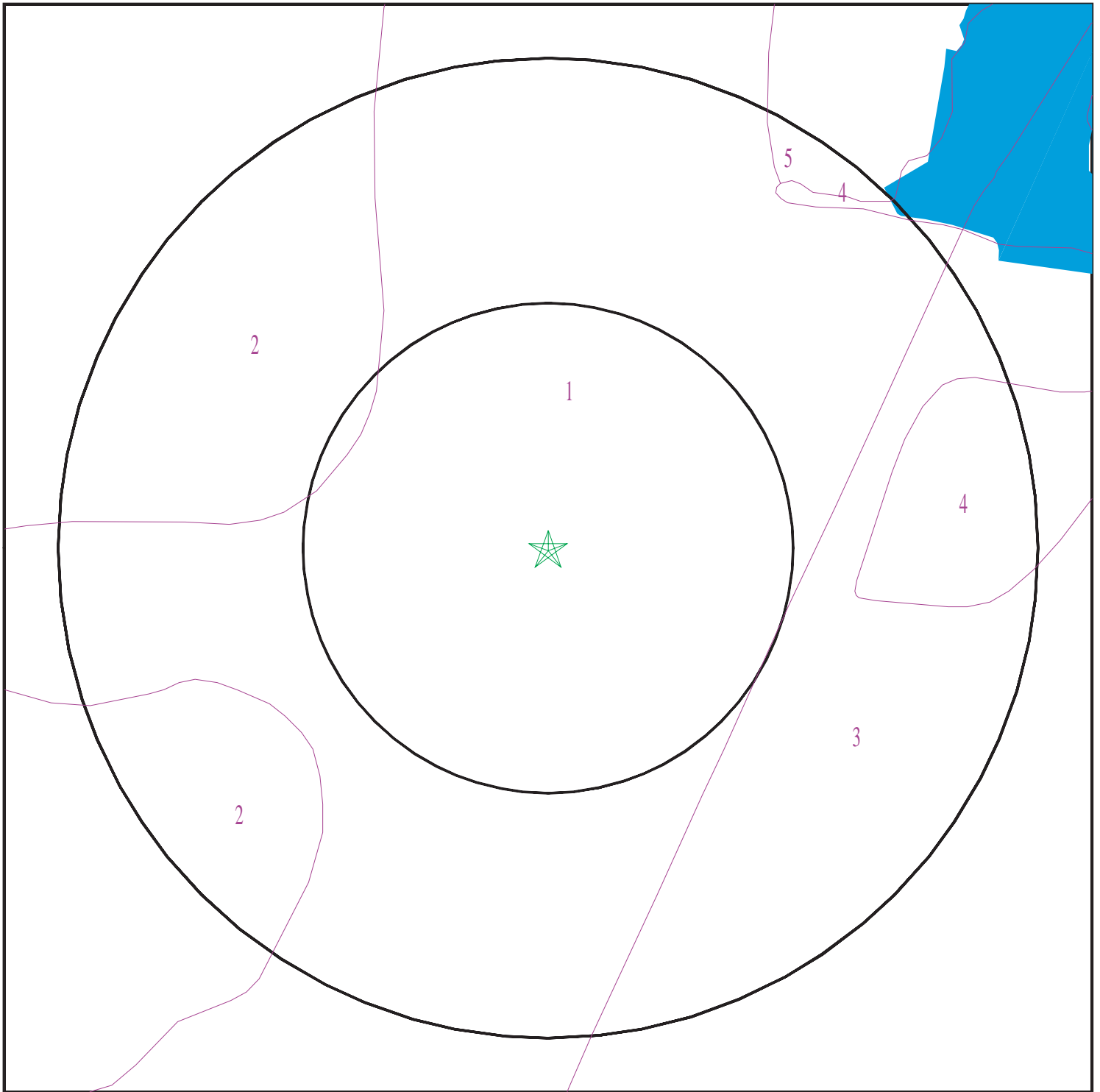
Era:	Paleozoic
System:	Pennsylvanian
Series:	Missourian Series
Code:	PP3 (<i>decoded above as Era, System & Series</i>)

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 - 4648185.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 1302 Locust Street
ADDRESS: 1302 Locust Street
Carter Lake IA 51510
LAT/LONG: 41.285473 / 95.912206

CLIENT: Tetra Tech EMI
CONTACT: Kaitlyn Bahr
INQUIRY #: 4648185.2s
DATE: June 15, 2016 10:18 pm

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: Sarpy

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6
2	7 inches	59 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: Albaton

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	9 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: 42.33 Min: 0.4233	Max: Min:

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: Sarpy

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6
2	5 inches	59 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6

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.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

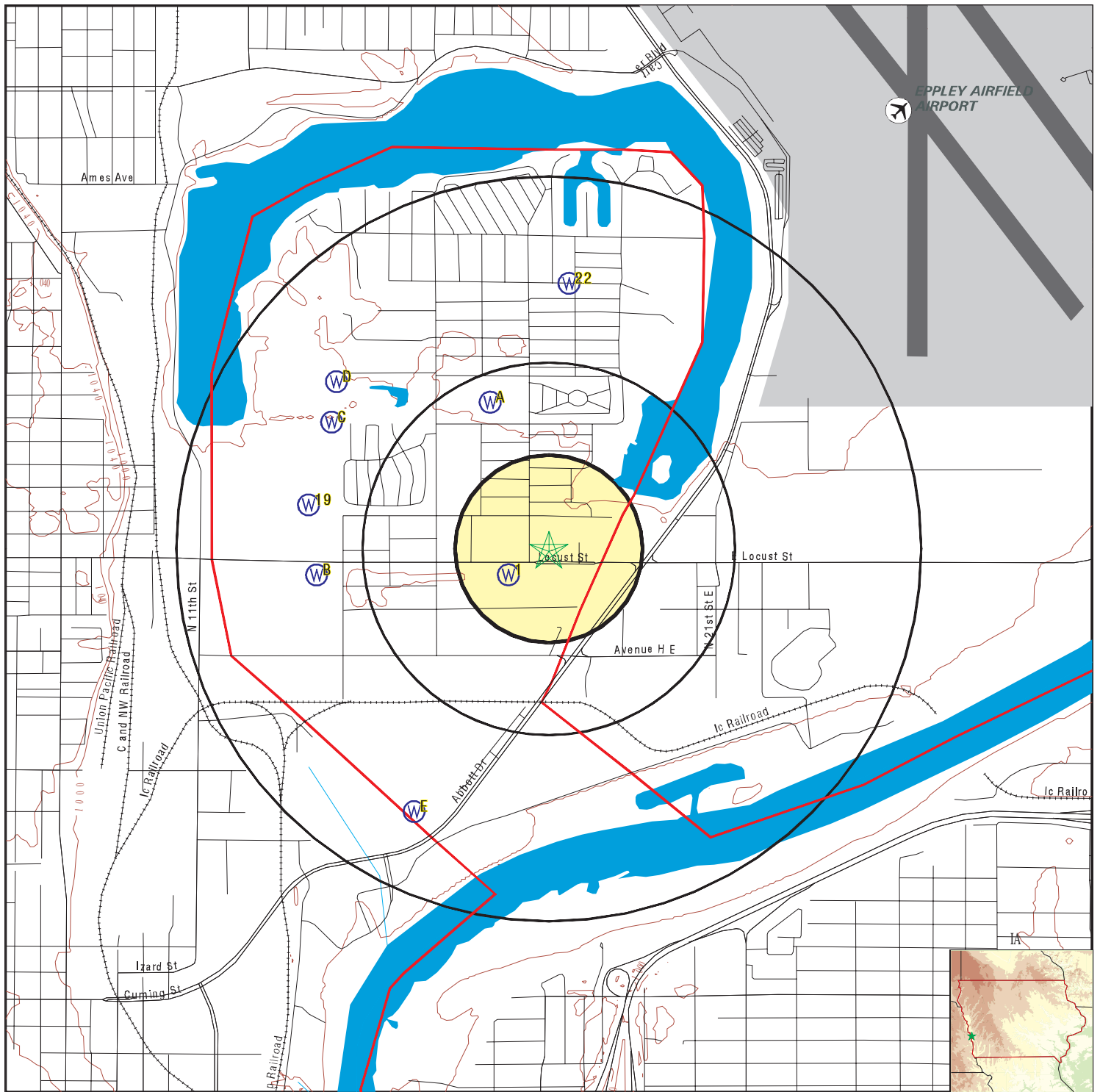
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	IAPU30000080703	1/8 - 1/4 Mile WSW
A2	IAPU30000080138	1/4 - 1/2 Mile NNW
A3	IAPW30000088519	1/4 - 1/2 Mile NNW
A4	IAPU30000080121	1/4 - 1/2 Mile NNW
A5	IAPW30000066689	1/4 - 1/2 Mile NNW
A6	IAPU30000080069	1/4 - 1/2 Mile NNW
B7	IAPU30000080500	1/2 - 1 Mile West
B8	IAPU30000080510	1/2 - 1 Mile West
B9	IAPU30000080501	1/2 - 1 Mile West
B10	IAPU30000080495	1/2 - 1 Mile West
B11	IAPU30000080508	1/2 - 1 Mile West
B12	IAPU30000080529	1/2 - 1 Mile West
B13	IAPU30000080482	1/2 - 1 Mile West
B14	IAPU30000080496	1/2 - 1 Mile West
B15	IAPU30000080490	1/2 - 1 Mile West
B16	IAPU30000080498	1/2 - 1 Mile West
B17	IAPU30000080497	1/2 - 1 Mile West
B18	IAPU30000080521	1/2 - 1 Mile West
19	IAPW30000085510	1/2 - 1 Mile West
C20	IAPW30000011458	1/2 - 1 Mile WNW
C21	IAPU30000080009	1/2 - 1 Mile WNW
22	IAPU30000079823	1/2 - 1 Mile North
D23	IAUS20000004300	1/2 - 1 Mile NW
D24	IAPU30000079901	1/2 - 1 Mile NW
E25	IAPU30000081487	1/2 - 1 Mile SSW
E26	IAPU30000081481	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 4648185.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 Carter Lake IA 51510
 LAT/LONG: 41.285473 / 95.912206

CLIENT: Tetra Tech EMI
 CONTACT: Kaitlyn Bahr
 INQUIRY #: 4648185.2s
 DATE: June 15, 2016 10:18 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
WSW
1/8 - 1/4 Mile
Higher

IA WELLS IAPU30000080703

Mapid:	80703	Wellid:	32916
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 21, SE, SW, NE
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	65	C p date:	n.a.
Owner name:	Embrey, John		
Other info:	Well plugged: 6/29/1998; Well type: > 18" dia.		
Xcoord:	255947.22		
Ycoord:	4574433		
Hlink:	Not Reported		
Site id:	IAPU30000080703		

A2
NNW
1/4 - 1/2 Mile
Lower

IA WELLS IAPU30000080138

Mapid:	80138	Wellid:	2146444
Id src fld:	wellnmbr	Datasrc:	PWTS
Well type:	Private well tracking system	Location:	T. 75 N., R. 44W., Sec. 16, SE, SE, NE, SE, NE
County:	Pottawattamie	Est loc ac:	nom. +/- 25m.
Depth:	300	C p date:	03/26/2010
Owner name:	Not Reported		
Other info:	Status: Active Log; Well use: Heat pump		
Xcoord:	255926.134673		
Ycoord:	4575156.17489		
Hlink:	http://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2146444&reportName=WellPrintout		
Site id:	IAPU30000080138		

A3
NNW
1/4 - 1/2 Mile
Lower

IA WELLS IAPW30000088519

Objectid:	88519	Iwellid:	2189309
Wellnmbr:	2146444	Pmtnmbr:	31943
Twp:	75		
Rge:	44		
Ew:	W		
Sec:	16		
Qqqqq:	SE, SE, NE, SE, NE		
Elev:	0		
Elev acc:	Not Reported		
Well depth:	300		
Br depth:	0		
Wtr depth:	0		
Latitude:	41.2909622192		
Longitude:	-95.9148254395		
Dte done:	26-MAR-10		
Cty num:	78		
County:	Pottawattamie		
Drlr name:	Midwest Geothermal Drilling LLC		
Owner name:	Not Reported		
Cnstr mthd:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Fm rmk:	Not Reported		
Well use:	Heat pump		
Status:	Active Log		
Ht pmp no:	1		
Permit:	X	Plugging:	Not Reported
Renovate:	Not Reported	Test:	Not Reported
Xcoord:	255926.134711		
Ycoord:	4575156.17487		
Horiz acc:	Not Reported	Has litho:	1
Has prod:	0	Has wq:	0
Has constr:	0		
Wnumber:	71046		
Hlink:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2146444&reportName=WellPrintout		
Site id:	IAPW30000088519		

A4 NNW 1/4 - 1/2 Mile Lower

IA WELLS IAPU30000080121

Mapid:	80121	Wellid:	2148920
Id src fld:	wellNmbr	Datasrc:	PWTS
Well type:	Private well tracking system	Location:	T. 75 N., R. 44W., Sec. 16, SE, SE, NW, SW, NE
County:	Pottawattamie	Est loc ac:	nom. +/- 25m.
Depth:	0	C p date:	Not Reported
Owner name:	Not Reported		
Other info:	Status: Permitted; Well use: Heat pump		
Xcoord:	255861.98792		
Ycoord:	4575169.77954		
Hlink:	http://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2148920&reportName=WellPrintout		
Site id:	IAPU30000080121		

A5 NNW 1/4 - 1/2 Mile Lower

IA WELLS IAPW30000066689

Objectid:	66689	lwellid:	2204381
WellNmbr:	2148920	PmtNmbr:	32753
Twp:	75		
Rge:	44		
Ew:	W		
Sec:	16		
Qqqqq:	SE, SE, NW, SW, NE		
Elev:	0		
Elev acc:	Not Reported		
Well depth:	300		
Br depth:	0		
Wtr depth:	0		
Latitude:	41.2910652161		
Longitude:	-95.9155960083		
Dte done:	11-SEP-10		
Cty num:	78		
County:	Pottawattamie		
Drlr name:	Henry Well Co.		
Owner name:	Not Reported		
Cnstr mthd:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Fm rmk:	Not Reported		
Well use:	Heat pump		
Status:	Active Log		
Ht pmp no:	132		
Permit:	X	Plugging:	Not Reported
Renovate:	Not Reported	Test:	Not Reported
Xcoord:	255861.987945		
Ycoord:	4575169.77953		
Horiz acc:	Not Reported	Has litho:	1
Has prod:	0	Has wq:	0
Has constr:	0		
Wnumber:	0		
Hlink:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2148920&reportName=WellPrintout		
Site id:	IAPW30000066689		

**A6
NNW
1/4 - 1/2 Mile
Lower**

IA WELLS IAPU30000080069

Mapid:	80069	Wellid:	71046
Id src fld:	wnumber	Datasrc:	GEOU
Well type:	IGS well database	Location:	T. 75N., R. 44W., Sec. 16, SW, SW, SE
County:	Pottawattamie	Est loc ac:	Calc. +/- 140 m.
Depth:	300	C p date:	03/26/2010
Owner name:	COUNCIL BLUFFS COMMUNITY SCHOOL DISTRICT		
Other info:	Bedrock depth: 120; Well type: Heat pump		
Xcoord:	255891.007173		
Ycoord:	4575251.87084		
Hlink:	http://www.igsb.uiowa.edu/webapps/geosam/Scripts/geocard.asp?wnumber=71046		
Site id:	IAPU30000080069		

**B7
West
1/2 - 1 Mile
Higher**

IA WELLS IAPU30000080500

Mapid:	80500	Wellid:	35537
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255127.23		
Ycoord:	4574455		
Hlink:	Not Reported		
Site id:	IAPU30000080500		

**B8
West
1/2 - 1 Mile
Higher**

IA WELLS IAPU30000080510

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Mapid:	80510	Wellid:	35482
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SW, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255124.23		
Ycoord:	4574461		
Hlink:	Not Reported		
Site id:	IAPU30000080510		

B9
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080501

Mapid:	80501	Wellid:	35541
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255123.23		
Ycoord:	4574453		
Hlink:	Not Reported		
Site id:	IAPU30000080501		

B10
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080495

Mapid:	80495	Wellid:	35539
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255121.23		
Ycoord:	4574460		
Hlink:	Not Reported		
Site id:	IAPU30000080495		

B11
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080508

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Mapid:	80508	Wellid:	35538
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255121.23		
Ycoord:	4574452		
Hlink:	Not Reported		
Site id:	IAPU30000080508		

B12
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080529

Mapid:	80529	Wellid:	35536
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	16	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255120.23		
Ycoord:	4574459		
Hlink:	Not Reported		
Site id:	IAPU30000080529		

B13
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080482

Mapid:	80482	Wellid:	35542
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	17	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255116.23		
Ycoord:	4574465		
Hlink:	Not Reported		
Site id:	IAPU30000080482		

B14
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080496

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Mapid:	80496	Wellid:	35545
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255116.23		
Ycoord:	4574465		
Hlink:	Not Reported		
Site id:	IAPU30000080496		

B15
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080490

Mapid:	80490	Wellid:	35543
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255115.23		
Ycoord:	4574464		
Hlink:	Not Reported		
Site id:	IAPU30000080490		

B16
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080498

Mapid:	80498	Wellid:	35544
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255114.23		
Ycoord:	4574468		
Hlink:	Not Reported		
Site id:	IAPU30000080498		

B17
West
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080497

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Mapid:	80497	Wellid:	35535
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255113.23		
Ycoord:	4574456		
Hlink:	Not Reported		
Site id:	IAPU30000080497		

B18 West 1/2 - 1 Mile Higher

IA WELLS IAPU30000080521

Mapid:	80521	Wellid:	35540
Id src fld:	recordno	Datasrc:	PLUG
Well type:	Registered abandoned wells	Location:	T. 75 N., R. 44 W., Sec. 20, SE, NW, SW
County:	Pottawattamie	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Embarcadero Investments		
Other info:	Well plugged: 1/14/1999; Well type: < 18" dia.		
Xcoord:	255112.23		
Ycoord:	4574462		
Hlink:	Not Reported		
Site id:	IAPU30000080521		

19 West 1/2 - 1 Mile Higher

IA WELLS IAPW30000085510

Objectid:	85510	lwellid:	2256317
Wellnmbr:	2171038	Pmtnmbr:	40233
Twp:	75		
Rge:	44		
Ew:	W		
Sec:	20		
Qqqqq:	NE, NW, NE, SE, NE		
Elev:	0		
Elev acc:	Not Reported		
Well depth:	59		
Br depth:	0		
Wtr depth:	12		
Latitude:	41.2871818542		
Longitude:	-95.9245910645		
Dte done:	19-NOV-13		
Cty num:	78		
County:	Pottawattamie		
Drlr name:	Jensen Well Co.		
Owner name:	Not Reported		
Cnstr mthd:	Rotary Drill		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Fm rmk:	Not Reported		
Well use:	Irrigation		
Status:	Active Log		
Ht pmp no:	0		
Permit:	X	Plugging:	Not Reported
Renovate:	Not Reported	Test:	Not Reported
Xcoord:	255094.164127		
Ycoord:	4574763.95044		
Horiz acc:	Not Reported	Has litho:	1
Has prod:	1	Has wq:	0
Has constr:	1		
Wnumber:	0		
Hlink:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2171038&reportName=WellPrintout		
Site id:	IAPW30000085510		

**C20
WNW
1/2 - 1 Mile
Higher**

IA WELLS

IAPW30000011458

Objectid:	11458	Iwellid:	2084865
Wellnmbr:	2082085	Pmtnmbr:	11951
Twp:	75		
Rge:	44		
Ew:	W		
Sec:	17		
Qqqqq:	SW, SE, SW, SW, SW		
Elev:	0		
Elev acc:	Not Reported		
Well depth:	0		
Br depth:	0		
Wtr depth:	0		
Latitude:	41.2904		
Longitude:	-95.9234		
Dte done:	30-DEC-99		
Cty num:	78		
County:	Pottawattamie		
Drlr name:	Layne Western - Ia.		
Owner name:	,		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Irrigation		
Status:	Retired		
Ht pmp no:	0		
Permit:	X	Plugging:	Not Reported
Renovate:	Not Reported	Test:	Not Reported
Xcoord:	255205.956167		
Ycoord:	4575117.91204		
Horiz acc:	Not Reported	Has litho:	0
Has prod:	0	Has wq:	0
Has constr:	0		
Wnumber:	0		
Hlink:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2082085&reportName=WellPrintout		
Site id:	IAPW30000011458		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C21
WNW
1/2 - 1 Mile
Higher

IA WELLS IAPU30000080009

Mapid:	80009	Wellid:	2082085
Id src fld:	wellnbr	Datasc:	PWTS
Well type:	Private well tracking system	Location:	T. 75 N., R. 44W., Sec. 17, SW, SE, SW, SW, SW
County:	Pottawattamie	Est loc ac:	nom. +/- 25m.
Depth:	0	C p date:	Not Reported
Owner name:	Not Reported		
Other info:	Status: Retired; Well use: Irrigation		
Xcoord:	255205.956167		
Ycoord:	4575117.91204		
Hlink:	http://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2082085&reportName=WellPrintout		
Site id:	IAPU30000080009		

22
North
1/2 - 1 Mile
Lower

IA WELLS IAPU30000079823

Mapid:	79823	Wellid:	54495
Id src fld:	wnumber	Datasc:	GEOU
Well type:	IGS well database	Location:	T. 75N., R. 44W., Sec. 16, NW, SW, NW
County:	POTTAWATTAMIE	Est loc ac:	Calc. +/- 140 m.
Depth:	171	C p date:	07/13/2001
Owner name:	COUNCIL BLUFFS SCHOOLS		
Other info:	Bedrock depth: 143; Well type: Heat pump		
Xcoord:	256251.24		
Ycoord:	4575682.86		
Hlink:	http://www.igsb.uiowa.edu/webapps/geosam/Scripts/geocard.asp?wnumber=54495		
Site id:	IAPU30000079823		

D23
NW
1/2 - 1 Mile
Higher

IA WELLS IAUS20000004300

Maplabelna:	Shoreline Golf Course-W2703		
Legendtype:	39	Publicview:	0
Locid:	20000320576		
Stfacid:	310422094		
Progid:	8465		
Facname:	Shoreline Golf Course		
Opstatus:	Drilled	Pistartdat:	14-OCT-13
Subname:	W2703		
Subprogid:	6640	Subaltidnu:	Not Reported
Wellname:	Not Reported		
Wellstatus:	Not Reported		
Totaldepth:	82		
Drilldate:	30-DEC-99	Aquifertyp:	Unconsolidated - Drift, Alluv, Bur
Aquiferran:	Primary	Countyname:	Pottawattamie
Fo:	4	Accuracy:	100
Colmthtxt:	INTERPOLATION-PHOTO	Refpnttxt:	CENTER OF FACILITY
Verifytxt:	Not Reported	Collectby:	MAnderso
Coldate:	22-AUG-05		
Loccomment:	First point clicked in WUSE map applet		
Congress:	5	Sthouse:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Stsenate: 50 Huc: 1023000606
Hyperlink: <http://programs.iowadnr.gov/wateruse/>
Lat: 41.29197
Lon: -95.92315
Xcoord: 255233
Ycoord: 4575292
Site id: IAUS20000004300

**D24
NW
1/2 - 1 Mile
Higher**

IA WELLS IAPU30000079901

Mapid: 79901 Wellid: W2703
Id src fld: subname Datasrc: WTRU
Well type: Water Use Permit Wells Location: T75N, R44W, Sec. 17
County: Pottawattamie Est loc ac: +/-100
Depth: 82 C p date: Not Reported
Owner name: Shoreline Golf Course
Other info: Water Use Permit 8465; Primary use: Golf course; Irrigation
Xcoord: 255233
Ycoord: 4575292
Hlink: <https://facilityexplorer.iowadnr.gov/FacilityExplorer/SiteDetail.aspx?facID=310422094>
Site id: IAPU30000079901

**E25
SSW
1/2 - 1 Mile
Higher**

IA WELLS IAPU30000081487

Mapid: 81487 Wellid: 55612
Id src fld: wnumber Datasrc: GEOU
Well type: IGS well database Location: T. 75N., R. 44W., Sec. 29, SW, NE, SE
County: POTTAWATTAMIE Est loc ac: Calc. +/- 140 m.
Depth: 194 C p date: 12/10/2001
Owner name: BUHRMAN, WILLIAM
Other info: Bedrock depth: 191; Well type: Private
Xcoord: 255505.22
Ycoord: 4573426.87
Hlink: <http://www.igsb.uiowa.edu/webapps/geosam/Scripts/geocard.asp?wnumber=55612>
Site id: IAPU30000081487

**E26
SSW
1/2 - 1 Mile
Higher**

IA WELLS IAPU30000081481

Mapid: 81481 Wellid: 22676
Id src fld: recordno Datasrc: PLUG
Well type: Registered abandoned wells Location: T. 75 N., R. 44 W., Sec. 29, NE, NW
County: Pottawattamie Est loc ac: Calc. +/- 285m.
Depth: 20 C p date: n.a.
Owner name: Tietsort, Paulette
Other info: Well plugged: 10/9/1995; Well type: > 18" dia.
Xcoord: 255506.22
Ycoord: 4573422
Hlink: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id:

IAPU30000081481

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IA Radon

Radon Test Results

Zipcode	Num Tests	Minimum	Maximum	Average
51510	5	0.7	7	2.6

Federal EPA Radon Zone for POTTAWATTAMIE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 51510

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.500 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Iowa

Source: Department of Natural Resources

Telephone: 319-335-1575

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

All Known Water Wells in the State of Iowa

Source: Department of Natural Resources

Telephone: 319-335-1353

Well types included are agricultural drainage, permitted private, public, registered abandoned, SDWIS public, water use permit sites, wells registered for testing.

Permitted Private Wells

Source: Department of Natural Resources

Telephone: 319-335-1353

This is a point coverage for private wells for which permits have been issued since 1987. Most permits were recorded in counties which are in the state drinking water program.

Private Well Tracking System Wells

Source: Department of Natural Resources

Telephone: 319-335-1353

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Department of Natural Resources

Oil and gas well locations.

RADON

State Database: IA Radon

Source: Department of Public Health

Telephone: 515-281-4340

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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1302 Locust Street

1302 Locust Street

Carter Lake, IA 51510

Inquiry Number: 4648185.6s

June 17, 2016

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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Record Sources and Currency	GR-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 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 the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

		Summary		
		property	1/10	1/10 - 1/3
STANDARD ENVIRONMENTAL RECORDS	Maximum Search Distance*			
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	not searched	-	-	-
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.333	0	0	1
State and tribal leaking storage tank lists	0.333	1	1	7
State and tribal registered storage tank lists	property	1	-	-
State and tribal institutional control / engineering control registries	property	0	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	1
Other Standard Environmental Records	1.0	2	2	10
HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.125	0	0	2
Historical Dry Cleaners	0.125	0	0	0
Exclusive Recovered Govt. Archives	property	1	-	-

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

1302 LOCUST STREET
1302 LOCUST STREET
CARTER LAKE, IA 51510

COORDINATES

Latitude (North): 41.285473 - 41° 17' 7.7023315"
Longitude (West): 95.912206 - 95° 54' 43.950806"
Elevation: 980 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site

FORMER UST SITE
1302 LOCUST STREET
CARTER LAKE, IA

FORMER UST SITE
1302 LOCUST STREET
CARTER LAKE, IA 51510

OMAHA TRIBE OF NEBRASKA PROPERTY
1302 LOCUST STREET
CARTER LAKE, IA 51510

Database(s)

RGA LUST
Facility ID: 6455

UST
Registration: 201100017
Facility Id: 18171
Financial Assurance
Site Status:
Facility Id: 201100017

LUST
Leak Status: 0
Facility Id: 6455

FINDS
Registry ID:: 110039688665
Registry ID:: 110043878792

US BROWNFIELDS
ACRES property ID: 98866

ECHO

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone: Available

NWI Wetlands: Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

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: Sarpy

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 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	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	59 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: Albaton

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	9 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0	Max: 8.4 Min: 7.4

EXECUTIVE SUMMARY

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Unknown

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: 42.33 Min: 0.4233	Max: Min:

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Unknown

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

EXECUTIVE SUMMARY

Soil Map ID: 5

Soil Component Name: Sarpy

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6
2	5 inches	59 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6

Soil Map ID: 6

Soil Component Name: Sarpy

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

EXECUTIVE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sand	Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 6.6
2	5 inches	59 inches	fine sand	Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 6.6

EXECUTIVE SUMMARY

SEARCH RESULTS

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

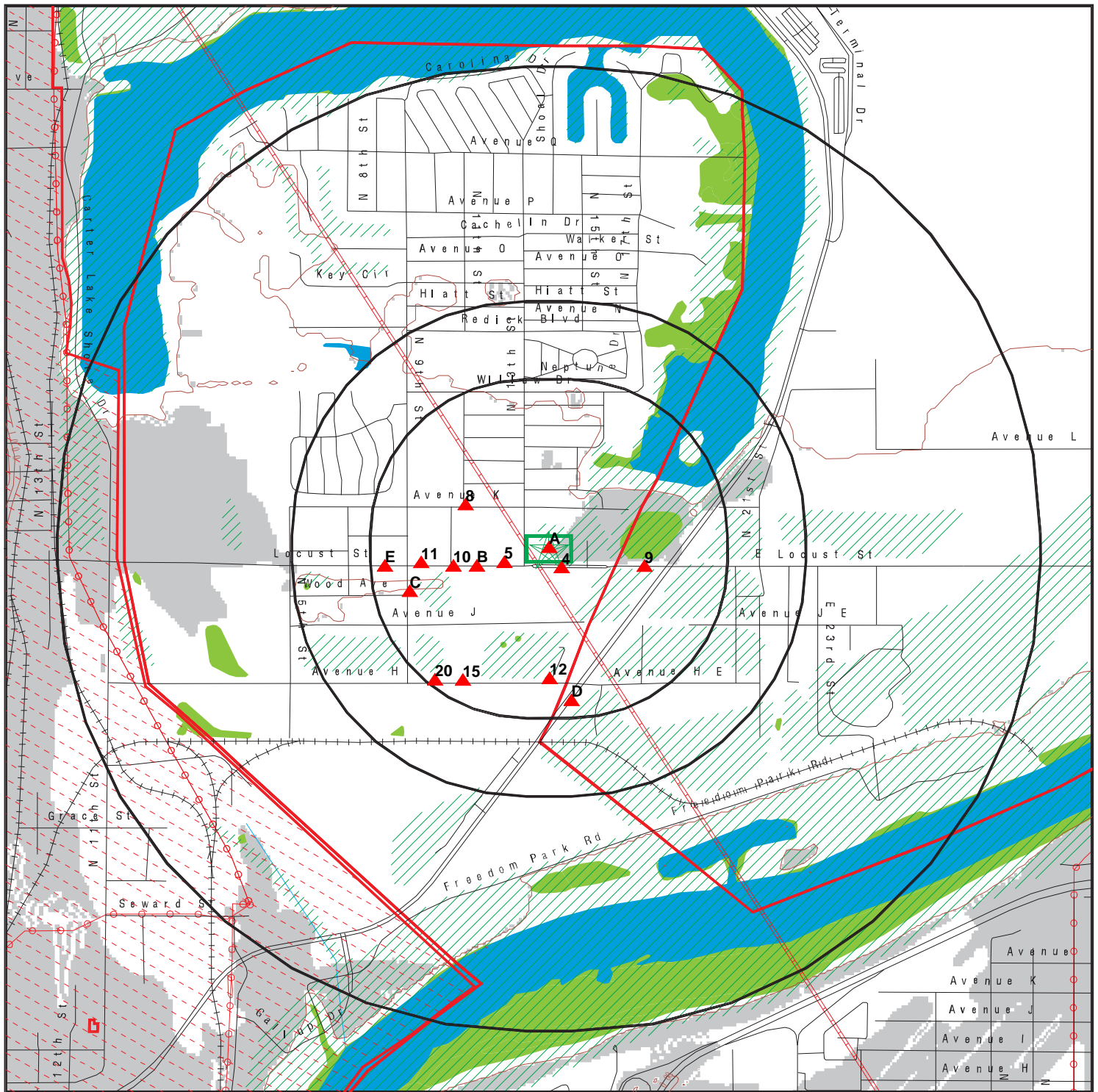
STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER UST SITE UST: State and tribal registered storage tank lists Financial Assurance: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists	1302 LOCUST STREET	Property	▲ A2	15
OMAHA TRIBE OF NEBRASKA PROPERTY FINDS: Other Standard Environmental Records US BROWNFIELDS: Other Standard Environmental Records ECHO: Other Standard Environmental Records	1302 LOCUST STREET	Property	▲ A3	17
1655 EAST LOCUST STREET ALLSITES: Other Standard Environmental Records	1491 EAST LOCUST STREET	<1/10 SSE	▲ 4	21
KWIK SHOP #520 UST: State and tribal registered storage tank lists Financial Assurance: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists SPILLS: Other Standard Environmental Records	1202 E LOCUST ST	<1/10 WSW	▲ 5	22
MAGELLAN PIPE LINE - CARTER LAKE LAST: State and tribal leaking storage tank lists ALLSITES: Other Standard Environmental Records	2205 NORTH 11TH STREET	1/10 - 1/3 WNW	▲ 8	37
ABBOTT AIRP PARK CAR WASH LUST: State and tribal leaking storage tank lists	1655 E LOCUST ST	1/10 - 1/3 ESE	▲ 9	38
CARTER LAKE QUICK STOP UST: State and tribal registered storage tank lists Financial Assurance: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists	1001 LOCUST ST	1/10 - 1/3 WSW	▲ 10	39
FORMER CLAPP'S SERVICE STATION LUST: State and tribal leaking storage tank lists	902 E LOCUST	1/10 - 1/3 W	▲ 11	47
HOLIDAY INN EXPRESS ALLSITES: Other Standard Environmental Records	2510 ABBOTT PLAZA	1/10 - 1/3 S	▲ 12	56
LAKESIDE AUTO RECYCLERS US BROWNFIELDS: Other Standard Environmental Records	2813 NORTH 9TH STREET	1/10 - 1/3 WSW	▲ C13	57
LAKESIDE AUTO RECYCLERS ALLSITES: Other Standard Environmental Records BROWNFIELDS: State and tribal Brownfields sites	2813 NORTH 9TH STREET	1/10 - 1/3 WSW	▲ C14	60
PRAXAIR DISTRIBUTION INC TIER 2: Other Standard Environmental Records SWF/LF: State and tribal landfill / solid waste disposal	1100 H AVENUE	1/10 - 1/3 SSW	▲ 15	61

EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
THRIFTY CAR RENTAL ECHO: Other Standard Environmental Records FINDS: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists	2323 ABBOTT DR	1/10 - 1/3 S	▲ D16	70
THRIFTY CAR RENTAL LUST: State and tribal leaking storage tank lists	2323 ABBOTT DR, SE CNRN 22ND A	1/10 - 1/3 S	▲ D17	71
HAMILTON PROPERTY US BROWNFIELDS: Other Standard Environmental Records FINDS: Other Standard Environmental Records ECHO: Other Standard Environmental Records	821 AND 823 LOCUST	1/10 - 1/3 W	▲ E18	72
HAMILTON PROPERTY Financial Assurance: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists	823 LOCUST STREET	1/10 - 1/3 W	▲ E19	75
O & P WAREHOUSE ALLSITES: Other Standard Environmental Records	900 AVENUE H	1/10 - 1/3 SW	▲ 20	76
<u>HISTORICAL USE RECORDS</u>				
<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER UST SITE RGA LUST: Exclusive Recovered Govt. Archives	1302 LOCUST STREET	Property	▲ A1	14
1103 LOCUST ST EDR Hist Auto: Historical Gas Stations	1103 LOCUST ST	1/10 - 1/3 WSW	▲ B6	35
1103 E LOCUST ST EDR Hist Auto: Historical Gas Stations	1103 E LOCUST ST	1/10 - 1/3 WSW	▲ B7	36

SECONDARY MAP - 4648185.6S



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

Contour Lines

County Boundary

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

SITE NAME: 1302 Locust Street
ADDRESS: 1302 Locust Street
Carter Lake IA 51510
LAT/LONG: 41.285473 / 95.912206

CLIENT: Tetra Tech EMI
CONTACT: Kaitlyn Bahr
INQUIRY #: 4648185.6S
DATE: June 16, 2016 10:50 am

AERIAL PHOTOGRAPHY - 4648185.6s



0 300 1/3 Miles



SITE NAME: 1302 Locust Street
ADDRESS: 1302 Locust Street
Carter Lake IA 51510
LAT/LONG: 41.285473 / 95.912206

CLIENT: Tetra Tech EMI
CONTACT: Kaitlyn Bahr
INQUIRY #: 4648185.6s
DATE: June 16, 2016 10:52 am

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range	(Distance feet / miles)
	Relative Elevation	Feet Above Sea Level
Worksheet: Comments: Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

FORMER UST SITE 1302 LOCUST STREET, CARTER LAKE, IA,		S116261003
▲ A1	Target Property	Exclusive Recovered Govt. Archives
	980 ft. Above Sea Level	

Worksheet:

RGA LUST: Exclusive Recovered Govt. Archives



2012 FORMER UST SITE 1302 LOCUST STREET

MAP FINDINGS

FORMER UST SITE 1302 LOCUST STREET, CARTER LAKE, IA, 51510			U004189286
▲ A2	Target Property	State and tribal leaking storage tank lists	
	980 ft. Above Sea Level	State and tribal registered storage tank lists Other Standard Environmental Records	

Worksheet:

UST: State and tribal registered storage tank lists

Facility Id: 18171
 Loc Id: 79518
 Registration: 201100017
 Owner Type: 5
 Financial Code: 16
 Insurer's Name: Not Reported
 Policy Number: Not Reported
 Policy Start Date: Not Reported
 Policy End Date: Not Reported
 Registration Sign Date: Not Reported
 Created By: tom.collins@dnr
 Created Date: 05/23/2011
 Changed By: tom.collins@dnr.iowa.gov
 Last Changed: 09/01/2011
 Latitude: 41.28493
 Longitude: -95.91313

Tank Info:

Tank Num: 44606
 In Use: False
 Tank Type: 6
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: False
 Material Construction: Double Wall Steel
 Emergency Power Gen: False

 Tank Num: 44607
 In Use: False
 Tank Type: 6
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: False
 Material Construction: Double Wall Steel
 Emergency Power Gen: False

IA Financial Assurance 1: Other Standard Environmental Records

Facility ID: 201100017
 Insurers Name: Not Reported
 Policy End Date: Not Reported

MAP FINDINGS

FORMER UST SITE, 1302 LOCUST STREET, CARTER LAKE, IA 51510 (Continued)

Site Status:	Not Reported
Financial Code:	16
Policy Number:	Not Reported
Policy Start Date:	Not Reported

LUST: State and tribal leaking storage tank lists



Facility ID:	6455
Spill Number:	Not Reported
Occur Date:	Not Reported
Discover Date:	06/04/2011
Discover Time:	Not Reported
Record Date:	09/01/2011
Leak Number:	9LTP35
Loc ID:	79595
Ust ID:	18171
Latitude:	41.28493
Longitude:	-95.91313
Start Date:	09/06/2011
Spill Date:	Not Reported
Date Occurred Time:	Not Reported
Lead ID:	4
Coordinator ID:	11
Staff ID:	7119
Discover Method ID:	0
Leak Status:	0
Tanks Removed:	0
Created Date:	09/06/2011
Created By:	bonnie.garrison@dnr.iowa.gov
Last Changed:	06/18/2015
Changed By:	Graesch.Matthew
IA_LUST_REM:	Not Reported

MAP FINDINGS

OMAHA TRIBE OF NEBRASKA PROPERTY 1302 LOCUST STREET, CARTER LAKE, IA, 51510 1014885512		
▲ A3	Target Property	Other Standard Environmental Records
	980 ft. Above Sea Level	

Worksheet:

FINDS: Other Standard Environmental Records



Registry ID: 110039688665

Environmental Interest/Information System:

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

Registry ID: 110043878792

Environmental Interest/Information System:

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

US BROWNFIELDS: Other Standard Environmental Records



Recipient name: Carter Lake, City of
 Grant type: Assessment
 Property name: OMAHA TRIBE OF NEBRASKA PROPERTY
 Property #: 754421176002
 Parcel size: 3.33
 Property Description: Currently vacant. Past owner: Charles E. Lakin and Florence Lakin.
 Past uses: gas station, snack shop

 Latitude: 41.28505
 Longitude: -95.9131116
 HCM label: Address Matching-Digitized
 Map scale: Not Reported
 Point of reference: Facility/Monitoring Site Boundary Point
 Datum: World Geodetic System of 1984
 ACRES property ID: 98866
 Start date: Not Reported
 Completed date: Not Reported
 Acres cleaned up: Not Reported
 Cleanup funding: Not Reported
 Cleanup funding source: Not Reported
 Assessment funding: 3684
 Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
 Redevelopment funding: Not Reported
 Redev. funding source: Not Reported
 Redev. funding entity name: Not Reported
 Redevelopment start date: Not Reported
 Assessment funding entity: EPA
 Cleanup funding entity: Not Reported

MAP FINDINGS

OMAHA TRIBE OF NEBRASKA PROPERTY, 1302 LOCUST STREET, CARTER LAKE, IA 51510 (Continued)

Grant type:	P
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	98796501
Ownership entity:	Government
Current owner:	Omaha Tribe of Nebraska
Did owner change:	N
Cleanup required:	Unknown
Video available:	No
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not Reported
IC cat. info. devices:	Not Reported
IC cat. gov. controls:	Not Reported
IC cat. enforcement permit tools:	Not Reported
IC in place date:	Not Reported
IC in place:	Not Reported
State/tribal program date:	Not Reported
State/tribal program ID:	Not Reported
State/tribal NFA date:	Not Reported
Air contaminated:	Not Reported
Air cleaned:	Not Reported
Asbestos found:	Not Reported
Asbestos cleaned:	Not Reported
Controlled substance found:	Not Reported
Controlled substance cleaned:	Not Reported
Drinking water affected:	Not Reported
Drinking water cleaned:	Not Reported
Groundwater affected:	Not Reported
Groundwater cleaned:	Not Reported
Lead contaminant found:	Not Reported
Lead cleaned up:	Not Reported
No media affected:	Not Reported
Unknown media affected:	Y
Other cleaned up:	Not Reported
Other metals found:	Not Reported
Other metals cleaned:	Not Reported
Other contaminants found:	Not Reported
Other contams found description:	Not Reported
PAHs found:	Not Reported
PAHs cleaned up:	Not Reported
PCBs found:	Not Reported
PCBs cleaned up:	Not Reported
Petro products found:	Not Reported
Petro products cleaned:	Not Reported
Sediments found:	Not Reported
Sediments cleaned:	Not Reported
Soil affected:	Not Reported
Soil cleaned up:	Not Reported
Surface water cleaned:	Not Reported

MAP FINDINGS

OMAHA TRIBE OF NEBRASKA PROPERTY, 1302 LOCUST STREET, CARTER LAKE, IA 51510 (Continued)

VOCs found:	Not Reported
VOCs cleaned:	Not Reported
Cleanup other description:	Not Reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	3
Past use residential acreage:	Not Reported
Past use commercial acreage:	.33
Past use industrial acreage:	Not Reported
Future use greenspace acreage:	Not Reported
Future use residential acreage:	Not Reported
Future use commercial acreage:	Not Reported
Future use industrial acreage:	Not Reported
Greenspace acreage and type:	Not Reported
Superfund Fed. landowner flag:	Not Reported
Arsenic cleaned up:	Not Reported
Cadmium cleaned up:	Not Reported
Chromium cleaned up:	Not Reported
Copper cleaned up:	Not Reported
Iron cleaned up:	Not Reported
mercury cleaned up:	Not Reported
nickel cleaned up:	Not Reported
No clean up:	Not Reported
Pesticides cleaned up:	Not Reported
Selenium cleaned up:	Not Reported
SVOCs cleaned up:	Not Reported
Unknown clean up:	Not Reported
Arsenic contaminant found:	Not Reported
Cadmium contaminant found:	Not Reported
Chromium contaminant found:	Not Reported
Copper contaminant found:	Not Reported
Iron contaminant found:	Not Reported
Mercury contaminant found:	Not Reported
Nickel contaminant found:	Not Reported
No contaminant found:	Not Reported
Pesticides contaminant found:	Not Reported
Selenium contaminant found:	Not Reported
SVOCs contaminant found:	Not Reported
Unknown contaminant found:	Not Reported
Future Use: Multistory	Not Reported
Media affected Bluiding Material:	Not Reported
Media affected indoor air:	Not Reported
Building material media cleaned up:	Not Reported
Indoor air media cleaned up:	Not Reported
Unknown media cleaned up:	Not Reported
Past Use: Multistory	Not Reported

ECHO: Other Standard Environmental Records



Envid:	1014885512
Registry ID:	110039688665

MAP FINDINGS

OMAHA TRIBE OF NEBRASKA PROPERTY, 1302 LOCUST STREET, CARTER LAKE, IA 51510 (Continued)

DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110039688665
Envid:	1014885512
Registry ID:	110043878792
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110043878792

MAP FINDINGS

1655 EAST LOCUST STREET 1491 EAST LOCUST STREET, CARTER LAKE, IA, 51510			S108939156
▲ 4	SSE <1/10	(84 ft. / 0.016 mi.)	Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

ALLSITES: Other Standard Environmental Records

Site Id Number:	1147
Project Manager:	Tami Quam
Ownership Type:	Private
Status:	Closed
Origin:	Environmental Assessment
Program:	CERCLA Preremedial
Site Type:	Commercial

MAP FINDINGS

KWIK SHOP #520 1202 E LOCUST ST, CARTER LAKE, IA, 51510			U003170848
▲ 5	WSW <1/10	(255 ft. / 0.048 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	980 ft. Above Sea Level	State and tribal registered storage tank lists Other Standard Environmental Records

Worksheet:

UST: State and tribal registered storage tank lists

Facility Id: 7693
 Loc Id: 7693
 Registration: 198607429
 Owner Type: 6
 Financial Code: 02
 Insurer's Name: ACE ENVIRONMENTAL RISK
 Policy Number: UST G2181037A 012
 Policy Start Date: 05/01/2002
 Policy End Date: 05/01/2016
 Registration Sign Date: 04/23/1986
 Created By: migration
 Created Date: 01/08/2007
 Changed By: Nelson.Paul
 Last Changed: 05/15/2015
 Latitude: 41.28520
 Longitude: -95.91418

Tank Info:

Tank Num: 22573
 In Use: False
 Tank Type: 1
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: Not Reported
 Material Construction: Double Wall Steel
 Emergency Power Gen: Not Reported

Tank Num: 22574
 In Use: False
 Tank Type: 1
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: Not Reported
 Material Construction: Double Wall Steel
 Emergency Power Gen: Not Reported

Tank Num: 22575
 In Use: True
 Tank Type: 1
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: Not Reported

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Material Construction:	Steel Int. Lined with Fiberglass
Emergency Power Gen:	Not Reported
Tank Num:	22576
In Use:	True
Tank Type:	1
Tank Brand Id:	Not Reported
Inert Material Id:	Not Reported
Filled In Place:	Not Reported
Material Construction:	Steel Int. Lined with Fiberglass
Emergency Power Gen:	Not Reported

IA Financial Assurance 1: Other Standard Environmental Records

Facility ID:	198607429
Insurers Name:	ACE ENVIRONMENTAL RISK
Policy End Date:	05/01/2016
Site Status:	Not Reported
Financial Code:	02
Policy Number:	UST G2181037A 012
Policy Start Date:	05/01/2002

LUST: State and tribal leaking storage tank lists

Facility ID:	3458
Spill Number:	Not Reported
Occur Date:	Not Reported
Discover Date:	Not Reported
Discover Time:	Not Reported
Record Date:	11/01/1990
Leak Number:	8LTE38
Loc ID:	65852
Ust ID:	7693
Latitude:	41.28520
Longitude:	-95.91418
Start Date:	11/07/1990
Spill Date:	Not Reported
Date Occurred Time:	Not Reported
Lead ID:	5
Coordinator ID:	11
Staff ID:	27
Discover Method ID:	5
Leak Status:	Unknown
Tanks Removed:	Not Reported
Created Date:	01/08/2007
Created By:	migration
Last Changed:	01/08/2007
Changed By:	migration

Lust Status:

ID:	3459
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MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Site Leak Number:	8LTE38
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not Reported
Gas:	Yes
Diesel:	Not Reported
Oil:	Not Reported
Kerosene:	Not Reported
Released Fuel Oil:	Not Reported
Released Hydraulic Oil:	Not Reported
Released Other Petroleum:	Not Reported
Released Unknown:	Not Reported
Released Non_Petroleum Chemical:	Not Reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Not Reported
Loc Surface Water:	Not Reported
Loc Water Supply:	Not Reported
Res Public Water Supply:	Not Reported
Resources Water Well:	Not Reported
Res Actual Drinking WW:	Not Reported
Res Non-Drink WW:	Not Reported
Res Soil:	Not Reported
Res Ground Water:	Not Reported
Res Surface Water:	Not Reported
Res Toxic Vapor:	Not Reported
Res Explosive Vapor:	Not Reported
Res Other:	Not Reported
Res Impacted Soil:	Not Reported
Res Impacted Ground Water:	Not Reported
Res Impacted Water Well:	Not Reported
Res Impacted Pub Water Supply:	Not Reported
Res Impacted Surface Water:	Not Reported
Res Impacted Toxic Vapor:	Not Reported
Res Impacted Explosive Vapor:	Not Reported
Res Impacted Other:	Not Reported
Res Impacted Drinking WW:	Not Reported
Res Impacted Non-Drink WW:	Not Reported
Res Impacted Potential Non Drink WW:	Not Reported
Officials Onsite Health:	Not Reported
Officials Onsite Fire:	Not Reported
Officials Onsite Law:	Not Reported
Officials Onsite Civil:	Not Reported
Officials Onsite None:	Not Reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not Reported
AST:	Not Reported
UST/LUST Other:	Not Reported

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Delete:	False
Status Memo:	Not Reported

Lust Misc:

Misc Due Date:	Not Reported
Misc Rec Date:	Not Reported
Misc Other:	Not Reported
Misc Title:	Not Reported
IA_LUST_REM:	Not Reported

Lust Remediation:

Heat Treatment:	False
Land Application:	False
On Site:	False
Achieved Over-Excavation:	False
Soil Venting Passive:	False
Soil Venting Active:	False
BioRemediation Passive:	False
BioRemediation Active:	False
In Situ GW Treatment - Air Sparging:	False
Ground Water:	False
Fresh Water:	False
IGT - pH Adjustment:	False
Nutrient:	False
Oxygen:	False
Biological:	False
Permit Date:	Not Reported
Other:	False
Surface Treatment - Carbon Absorption:	False
Biological:	False
ST Other:	False
TDT Sanitary Sewer:	False
TDT Storm Sewer:	False
Stream:	False
TDT Other:	False
Reduced Risk Plugged Well:	False
RR Replace:	False
RR Relocate:	False
RR Other:	False
Delete:	False
Rem Memo:	Not Reported

Lust Tier 1 Report:

T1 Assesment Due:	11/16/2000
T1 Received:	01/29/2001
Tier 1 Consultant Recommends:	Not Reported
T1 Accepted:	Not Reported
T1 Rejected:	10/22/2001

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

T1 Revised:	Not Reported
T1 Reviewed:	KDW
T1 Assesment Due:	09/26/2002
T1 Received:	09/19/2002
Tier 1 Consultant Recommends:	Not Reported
T1 Accepted:	Not Reported
T1 Rejected:	10/31/2002
T1 Revised:	Not Reported
T1 Reviewed:	KDW
T1 Assesment Due:	12/19/2002
T1 Received:	12/19/2002
Tier 1 Consultant Recommends:	Not Reported
T1 Accepted:	01/29/2003
T1 Rejected:	Not Reported
T1 Revised:	Not Reported
T1 Reviewed:	KDW
T1 Assesment Due:	Not Reported
T1 Received:	Not Reported
Tier 1 Consultant Recommends:	Not Reported
T1 Accepted:	Not Reported
T1 Rejected:	Not Reported
T1 Revised:	Not Reported
T1 Reviewed:	Not Reported

Lust Administration:

ID:	3459
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	11/07/1990
Owner Broke:	No
ER Date:	Not Reported
Cost Recovery Start Dt:	Not Reported
CR Notice of Intent Dt:	Not Reported
CR Appeal of NOI Dt:	Not Reported
CR Final Decision Dt:	Not Reported
CR EP Comm Lien Approval Dt:	Not Reported
CR Lien:	Not Reported
CR Ten Yr Renewal Dt:	Not Reported
CR Lien Named:	False
CR Remediation:	Not Reported
Delete:	False
CR Amnt Received:	Not Reported
CR End Date:	Not Reported
Memo:	Not Reported

Lust Track:

ID:	3459
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MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Site Assesment Start Date:	04/22/1991
Free Product Recvry End Date:	Not Reported
FP Letter Sent Date:	Not Reported
FP Report Frequency:	Not Reported
Assesment Report Due:	Not Reported
Assesment Report Received:	Not Reported
Assesment Report Approved:	Not Reported
Achieved Over-Excavation:	Not Reported
Release Not Verified Date:	Not Reported
Ref to Contaminated Site Section:	Not Reported
Cleanup Start Date:	1991-04-22
Cleanup Complete Date:	2003-01-29
Cleanup Report Due Date:	Not Reported
Cleanup Report Received Date:	Not Reported
Cleanup Report Approved Date:	Not Reported
Check Report Due Date:	Not Reported
Check Report Received Date:	Not Reported
Check Report Rejected Date:	Not Reported
Check Report Approved Date:	Not Reported
Date Classified:	2003-01-29
Risk Classification -NFA:	True
Class - Low Risk:	False
Class - High Risk:	False
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	Not Reported
T2 Actual GW Ingestion:	Not Reported
T2 Poten GW Ingestion from Protected GW:	Not Reported
T2 Poten GW Ingestion from Protected GW:	Not Reported
T2 GW Vapor to Enclosed Space:	Not Reported
T2 GW to Plastic Water Line:	Not Reported
T2 SW General Use:	Not Reported
T2 SW Designated Use:	Not Reported
T2 Soil Leaching to GW:	Not Reported
T2 Soil Vapor to Enclosed Space:	Not Reported
T2 Soil to Plastic Line:	Not Reported
Institutional Control Obtained:	False
NFA Certificate Sent:	2003-04-21

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

No Action Required:

Priority Ranking:

Delete:

Track Memo:

False

5

False

11/21/91: OVERDUE/'HOLD' LTR SENT. REC'D 11/23. RSPNS DUE 12/3.12/02/91: REC'D RSPNS. REC'D SAAR.11/18/92: FILE REV/SCR LTR SENT. REC'D (NO DATE ON GRN CRD) SCR DUE 3/22/93. 11/09/98: LTR FROM CNSLT STATING THEY ARE SUCH & T1 WILL BE DONE. T1 = 2/9/99.08/27/99: Schedule from Kwik Shop with due date for T1 of 10/24/99.10/01/99: REC'D REQ TO USE PERCENT REDUCTION AT TIER 1 LEVEL. ras.10/04/99: REC'D HARD COPY OF REQUEST TO USE PERCENT REDUX AT T1. ras.10/06/99: ALLOW % REDUX at T1 level AS PER 9/29/99 STAFF MTG. ras.08/24/00: sent first OD letter for T1 -----due 9/7/00.11/02/00: Final OD letter sent - due date for T1 of 11/16/00.01/18/01: REC'D TIER 1 REPORT. (NO TIER 1 DISK REC'D).01/29/01: REC'D TIER 1 DISK.10/22/01: Sent Tier 1 Reject Letter. GC dated 10/26/01. Revised Tier 1 due 01/26/02. KW03/28/02: E-mail to CGWP. T1=04/15/02. Jh04/12/02: E-mail from Matt Jacobs, GSI, with submittal date of 5/31/02 for the Tier 1.07/03/02: Letter from fund to Roark concerning settlement agreement, and giving 9/26/02 as date for T1 (and T2, if necessary).09/18/02: REC'D REVISED TIER 1 REPORT.09/19/02: REC'D TIER 1 DISK PER E-MAIL. Bsg09/23/02: REC'D TIER 1 DISK.09/25/02: REC'D TIER 1 DISK. GAB REC'D FROM GSI, OMAHA. Bsg10/31/02: Sent Revised Tier 1 reject letter. GC dated 11/04/02. 2nd Revised Tier 1 due 12/19/02. --kw12/19/02: REC'D REVISED TIER 1 REPORT & DISK.01/29/03: Sent NAR letter. 3 deficiencies require correction. --kw02/07/03: Rec'd call from GSI. After discussion informed them not to refigure % reduction again because they have confused me enough already. Ignore first part of first deficiency. --kw02/13/03: Rec'd GAB letter approving well abandonment budget by GSI for \$955. --kw04/11/03: REC'D WELL ABANDONMENT FORMS & TIER 1 REVISIONS. Bsg04/18/03: Gave NFA Certificate to Sherry for processing. --kw10/13/04: Reopened as LUST No. 9LTL72. Rec'd UST Closure Report. Detected GW & soil concentrations greater than source

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

concentrations used in the Tier 1. --kw

Facility ID:	6081
Spill Number:	Not Reported
Occur Date:	Not Reported
Discover Date:	08/05/2004
Discover Time:	Not Reported
Record Date:	10/08/2004
Leak Number:	9LTL72
Loc ID:	65853
Ust ID:	7693
Latitude:	41.28521
Longitude:	-95.91419
Start Date:	10/11/2004
Spill Date:	Not Reported
Date Occurred Time:	Not Reported
Lead ID:	4
Coordinator ID:	11
Staff ID:	6924
Discover Method ID:	Not Reported
Leak Status:	Unknown
Tanks Removed:	0
Created Date:	01/08/2007
Created By:	migration
Last Changed:	02/20/2008
Changed By:	pmcdern

Lust Status:

ID:	6090
Site Leak Number:	9LTL72
Discovered During:	C
Tanks Removed:	2
Leak Cause:	Not Reported
Gas:	Yes
Diesel:	Not Reported
Oil:	Not Reported
Kerosene:	Not Reported
Released Fuel Oil:	Not Reported
Released Hydraulic Oil:	Not Reported
Released Other Petroleum:	Not Reported
Released Unknown:	Not Reported
Released Non_Petroleum Chemical:	Not Reported
Gallons Released:	Not Reported
Leak Status:	Stopped
Loc Soil:	Not Reported
Loc Ground Water:	Not Reported
Loc Surface Water:	Not Reported
Loc Water Supply:	Not Reported
Res Public Water Supply:	Not Reported
Resources Water Well:	Not Reported

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Res Actual Drinking WW:	Not Reported
Res Non-Drink WW:	Not Reported
Res Soil:	Not Reported
Res Ground Water:	Not Reported
Res Surface Water:	Not Reported
Res Toxic Vapor:	Not Reported
Res Explosive Vapor:	Not Reported
Res Other:	Not Reported
Res Impacted Soil:	Yes
Res Impacted Ground Water:	Yes
Res Impacted Water Well:	Not Reported
Res Impacted Pub Water Supply:	Not Reported
Res Impacted Surface Water:	Not Reported
Res Impacted Toxic Vapor:	Not Reported
Res Impacted Explosive Vapor:	Not Reported
Res Impacted Other:	Not Reported
Res Impacted Drinking WW:	Not Reported
Res Impacted Non-Drink WW:	Not Reported
Res Impacted Potential Non Drink WW:	Not Reported
Officials Onsite Health:	Not Reported
Officials Onsite Fire:	Not Reported
Officials Onsite Law:	Not Reported
Officials Onsite Civil:	Not Reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not Reported
Officials Onsite Other:	Not Reported
AST:	Not Reported
UST/LUST Other:	Not Reported
Delete:	False
Status Memo:	Not Reported

Lust Cause:

Release Cause:	Unknown
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Lust Misc:

Misc Due Date:	Not Reported
Misc Rec Date:	06/27/2005
Misc Other:	Not Reported
Misc Title:	MTBE WORKSHEET & DISK
IA_LUST_REM:	Not Reported

Lust Tier 1 Report:

T1 Assesment Due:	Not Reported
T1 Received:	Not Reported
Tier 1 Consultant Recommends:	Not Reported
T1 Accepted:	Not Reported
T1 Rejected:	Not Reported
T1 Revised:	Not Reported

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

T1 Reviewed:	Not Reported
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Lust Tier 2 Report:

T2 Assesment Due:	04/15/2005
T2 Received:	06/27/2005
T2 Accepted:	Not Reported
T2 Rejected:	08/17/2005
T2 Reviewed:	Not Reported
T2 Assesment Due:	11/19/2005
T2 Received:	Not Reported
T2 Accepted:	Not Reported
T2 Rejected:	Not Reported
T2 Reviewed:	Not Reported

Lust Administration:

ID:	6095
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	09/21/2004
Owner Broke:	No
ER Date:	Not Reported
Cost Recovery Start Dt:	Not Reported
CR Notice of Intent Dt:	Not Reported
CR Appeal of NOI Dt:	Not Reported
CR Final Decision Dt:	Not Reported
CR EP Comm Lien Approval Dt:	Not Reported
CR Lien:	Not Reported
CR Ten Yr Renewal Dt:	Not Reported
CR Lien Named:	False
CR Remediation:	Not Reported
Delete:	False
CR Amnt Received:	0
CR End Date:	Not Reported
Memo:	Not Reported

Lust Track:

ID:	6191
Site Assesment Start Date:	Not Reported
Free Product Recvry End Date:	Not Reported
FP Letter Sent Date:	Not Reported
FP Report Frequency:	Not Reported
Assesment Report Due:	Not Reported
Assesment Report Received:	Not Reported
Assesment Report Approved:	Not Reported
Achieved Over-Excavation:	Not Reported
Release Not Verified Date:	Not Reported
Ref to Contaminated Site Section:	Not Reported
Cleanup Start Date:	Not Reported

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Cleanup Complete Date:	Not Reported
Cleanup Report Due Date:	Not Reported
Cleanup Report Received Date:	Not Reported
Cleanup Report Approved Date:	Not Reported
Check Report Due Date:	Not Reported
Check Report Received Date:	Not Reported
Check Report Rejected Date:	Not Reported
Check Report Approved Date:	Not Reported
Date Classified:	Not Reported
Risk Classification -NFA:	False
Class - Low Risk:	False
Class - High Risk:	False
Lust Current:	Not Classified
Tier 1 Consultant Recommends:	Not Reported
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	Low Risk
T2 Actual GW Ingestion:	Not Reported
T2 Poten GW Ingestion from Protected GW:	Not Reported
T2 Poten GW Ingestion from Protected GW:	Not Reported
T2 GW Vapor to Enclosed Space:	Not Reported
T2 GW to Plastic Water Line:	Not Reported
T2 SW General Use:	Not Reported
T2 SW Designated Use:	Not Reported
T2 Soil Leaching to GW:	Not Reported
T2 Soil Vapor to Enclosed Space:	Not Reported
T2 Soil to Plastic Line:	Not Reported
Institutional Control Obtained:	False
NFA Certificate Sent:	Not Reported
No Action Required:	False
Priority Ranking:	4
Delete:	False
Track Memo:	10/13/04: Sent Tier 1 Required letter. Site was previously 8LTE38. UST Closure Report detected greater concentrations than source concentrations used for 8LTE38. CGWP due 11/15/04. Tier 1 due 01/15/2005. GC no date. --kw10/21/04: REC'D FROM KWIK SHOP LETTER STATING RETAINED DAN KELTNER OF TRILEAF AS CGWP. Bsg12/06/04: Telecon w/ Robin Barber. Will

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

allow slug test results from 8LTE38. Numerous other questions regarding the number & location of soil borings & MWs for T1 investigation. Basically quoted T1 source investigation guidance. --kw12/13/04: E-mail from/to CGWP. Will proceed to Tier 2. Tier 2 SCR due 04/15/05. --kw12/22/04: GAB letter approving Tier 2 budget by Trileaf for \$14,890. --kw02/18/05: E-mail from CGWP. Drilling scheduled for 2/21 and 2/22. --kw06/27/05: REC'D TIER 2 REPORT. TIER 2 SOFTWARE DISK. LR. MTBE WORKSHEET & DISK. bsg06/29/05: Gave file to PEI for review. --kw07/06/05: REC'D SIGNED TIER 2 REPORT COVER PAGE. Bsg08/17/05: Sent Tier 2 reject letter. Major issues w/ K value. Revised Tier 2 due 11/19/05. GC dated 8/22. --kw

SPILL: Other Standard Environmental Records



Facility ID:	011013-AHB-0859
Reported Date:	01/10/2013
Reported Time:	08:59:00
Taken By:	Not Reported
Spill Date:	Not Reported
Spill Time:	Not Reported
6 hr Letter:	Not Reported
Continuous Release:	Not Reported
Incident Location:	Not Reported
Incident Mode:	Not Reported
Incident Type:	Not Reported
Incident Medium Land:	Not Reported
Incident Medium Water:	Not Reported
Incident Medium Air:	Not Reported
Field Office:	4
Company Name:	Kwik Shop #520
Company Address1:	1202 E. Locust
Company Address2:	Not Reported
Company City/State/Zip:	Carter Lake, IA 51510
Company Phone:	(712)3475076
Company Fax No:	()
Company Start Date:	07/24/2009
Company End Date:	Not Reported
Company Contact Name:	Darlene Foote
Contact Address1:	1202 E. Locust
Company Contact Address2:	Not Reported
Company Contact City/State/Zip:	Carter Lake, IA 51510
Company Contact Phone:	(712)3475076
Company Contact Fax No:	()

MAP FINDINGS

KWIK SHOP #520, 1202 E LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Company Contact Start Date:	01/10/2013
Company Contact End Date:	Not Reported
Initial Instructions:	Not Reported
Events:	Not Reported

MAP FINDINGS

1103 LOCUST ST 1103 LOCUST ST, CARTER LAKE, IA, 51510			1015154349
▲ B6	WSW 1/10 - 1/3	(567 ft. / 0.107 mi.)	Historical Gas Stations
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations



Name:	CITY MOTOR CENTER
Year:	2005
Address:	1103 LOCUST ST
Name:	CITY MOTOR CENTER
Year:	2006
Address:	1103 LOCUST ST
Name:	CITY MOTOR CENTER
Year:	2007
Address:	1103 LOCUST ST
Name:	CITY MOTOR CENTER
Year:	2008
Address:	1103 LOCUST ST
Name:	CITY MOTOR CENTER
Year:	2009
Address:	1103 LOCUST ST
Name:	CITY MOTOR SUPER SHOP
Year:	2010
Address:	1103 LOCUST ST
Name:	CITY MOTOR CENTER
Year:	2011
Address:	1103 LOCUST ST
Name:	CITY MOTOR CENTER
Year:	2012
Address:	1103 LOCUST ST

MAP FINDINGS

1103 E LOCUST ST 1103 E LOCUST ST, CARTER LAKE, IA, 51510			1015154414
▲ B7	WSW 1/10 - 1/3	(567 ft. / 0.107 mi.)	Historical Gas Stations
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name:	CITY MOTOR SUPER SHOP
Year:	2002
Address:	1103 E LOCUST ST
Name:	CITY MOTOR CTR
Year:	2003
Address:	1103 E LOCUST ST

MAP FINDINGS

MAGELLAN PIPE LINE - CARTER LAKE 2205 NORTH 11TH STREET, CARTER LAKE, IA, 51510			S108269624
▲ 8	WNW 1/10 - 1/3	(766 ft. / 0.145 mi.)	State and tribal leaking storage tank lists Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

LAST: State and tribal leaking storage tank lists



Site ID: 617
 Site Status Description: Open
 Origin: Environmental Assessment
 Type Description: AST
 Ownership Type Description: Private
 Project Manager: Dan Cook
 Program Type Description: Chapter 133

ALLSITES: Other Standard Environmental Records



Site Id Number: 617
 Project Manager: Dan Cook
 Ownership Type: Private
 Status: Open
 Origin: Environmental Assessment
 Program: Chapter 133
 Site Type: AST

MAP FINDINGS

ABBOTT AIRP PARK CAR WASH 1655 E LOCUST ST, OMAHA, NE,			U001129370
▲ 9	ESE 1/10 - 1/3	(825 ft. / 0.156 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists



Facility Status:

NO FURTHER ACTION (INCIDENT CLOSED)

Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
 File Number: 101095-TH-0856
 Owner/RP: ABBOTT AIRPORT PARKING
 SFM Num: 7775
 Owner Mailing Address: 1655 E LOCUST ST
 Owner Mailing City: OMAHA
 Owner Mailing State: NE
 Owner Mailing Zip: 68110
 Discovery Date: 08/24/1995
 Material Released: GASOLINE

Facility Status:

NO FURTHER ACTION (INCIDENT CLOSED)

Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
 File Number: 112993-KM-1400
 Owner/RP: ABBOTT AIRPORT PARKING
 SFM Num: 7775
 Owner Mailing Address: 1655 LOCUST STREET
 Owner Mailing City: OMAHA
 Owner Mailing State: NE
 Owner Mailing Zip: Not Reported
 Discovery Date: 10/29/1993
 Material Released: GASOLINE, ARSENIC, BARIUM

MAP FINDINGS

CARTER LAKE QUICK STOP 1001 LOCUST ST, CARTER LAKE, IA, 51510			U003170607
▲ 10	WSW 1/10 - 1/3	(830 ft. / 0.157 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	980 ft. Above Sea Level	State and tribal registered storage tank lists Other Standard Environmental Records

Worksheet:

UST: State and tribal registered storage tank lists



Facility Id: 7038
 Loc Id: 7038
 Registration: 198606734
 Owner Type: 6
 Financial Code: 15
 Insurer's Name: PMMIC
 Policy Number: 8606734
 Policy Start Date: 01/02/2016
 Policy End Date: 01/01/2017
 Registration Sign Date: 04/30/1986
 Created By: migration
 Created Date: 01/08/2007
 Changed By: Kock-Niedermayer.Lisa
 Last Changed: 08/28/2013
 Latitude: 41.28459
 Longitude: -95.91602

Tank Info:

Tank Num: 20336
 In Use: False
 Tank Type: 1
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: Not Reported
 Material Construction: Double Wall Steel
 Emergency Power Gen: Not Reported

Tank Num: 20337
 In Use: False
 Tank Type: 1
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: Not Reported
 Material Construction: Double Wall Steel
 Emergency Power Gen: Not Reported

Tank Num: 20338
 In Use: False
 Tank Type: 1
 Tank Brand Id: Not Reported
 Inert Material Id: Not Reported
 Filled In Place: Not Reported

MAP FINDINGS

CARTER LAKE QUICK STOP, 1001 LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Material Construction:	Double Wall Steel
Emergency Power Gen:	Not Reported
Tank Num:	20339
In Use:	False
Tank Type:	1
Tank Brand Id:	Not Reported
Inert Material Id:	Not Reported
Filled In Place:	Not Reported
Material Construction:	Double Wall Steel
Emergency Power Gen:	Not Reported
Tank Num:	20340
In Use:	True
Tank Type:	1
Tank Brand Id:	Not Reported
Inert Material Id:	Not Reported
Filled In Place:	Not Reported
Material Construction:	FRP
Emergency Power Gen:	Not Reported
Tank Num:	20341
In Use:	True
Tank Type:	1
Tank Brand Id:	Not Reported
Inert Material Id:	Not Reported
Filled In Place:	Not Reported
Material Construction:	FRP
Emergency Power Gen:	Not Reported
Tank Num:	20342
In Use:	True
Tank Type:	1
Tank Brand Id:	Not Reported
Inert Material Id:	Not Reported
Filled In Place:	Not Reported
Material Construction:	FRP
Emergency Power Gen:	Not Reported
Tank Num:	20343
In Use:	True
Tank Type:	1
Tank Brand Id:	Not Reported
Inert Material Id:	Not Reported
Filled In Place:	Not Reported
Material Construction:	FRP
Emergency Power Gen:	Not Reported

IA Financial Assurance 1: Other Standard Environmental Records



Facility ID:	198606734
Insurers Name:	PMMIC

MAP FINDINGS

CARTER LAKE QUICK STOP, 1001 LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Policy End Date:	01/01/2017
Site Status:	Not Reported
Financial Code:	15
Policy Number:	8606734
Policy Start Date:	01/02/2016

LUST: State and tribal leaking storage tank lists



Facility ID:	3172
Spill Number:	Not Reported
Occur Date:	Not Reported
Discover Date:	Not Reported
Discover Time:	Not Reported
Record Date:	10/02/1990
Leak Number:	7LTV95
Loc ID:	65549
Ust ID:	7038
Latitude:	41.28459
Longitude:	-95.91602
Start Date:	10/02/1990
Spill Date:	Not Reported
Date Occurred Time:	Not Reported
Lead ID:	5
Coordinator ID:	11
Staff ID:	25
Discover Method ID:	5
Leak Status:	Unknown
Tanks Removed:	Not Reported
Created Date:	01/08/2007
Created By:	migration
Last Changed:	01/08/2007
Changed By:	migration

Lust Status:

ID:	3173
Site Leak Number:	7LTV95
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not Reported
Gas:	Yes
Diesel:	Yes
Oil:	Not Reported
Kerosene:	Not Reported
Released Fuel Oil:	Not Reported
Released Hydraulic Oil:	Not Reported
Released Other Petroleum:	Not Reported
Released Unknown:	Not Reported
Released Non_Petroleum Chemical:	Not Reported
Gallons Released:	000000000000
Leak Status:	Unknown

MAP FINDINGS

CARTER LAKE QUICK STOP, 1001 LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Loc Soil:	Not Reported
Loc Ground Water:	Yes
Loc Surface Water:	Not Reported
Loc Water Supply:	Not Reported
Res Public Water Supply:	Not Reported
Resources Water Well:	Not Reported
Res Actual Drinking WW:	Not Reported
Res Non-Drink WW:	Not Reported
Res Soil:	Not Reported
Res Ground Water:	Not Reported
Res Surface Water:	Not Reported
Res Toxic Vapor:	Not Reported
Res Explosive Vapor:	Not Reported
Res Other:	Not Reported
Res Impacted Soil:	Not Reported
Res Impacted Ground Water:	Not Reported
Res Impacted Water Well:	Not Reported
Res Impacted Pub Water Supply:	Not Reported
Res Impacted Surface Water:	Not Reported
Res Impacted Toxic Vapor:	Not Reported
Res Impacted Explosive Vapor:	Not Reported
Res Impacted Other:	Not Reported
Res Impacted Drinking WW:	Not Reported
Res Impacted Non-Drink WW:	Not Reported
Res Impacted Potential Non Drink WW:	Not Reported
Officials Onsite Health:	Not Reported
Officials Onsite Fire:	Not Reported
Officials Onsite Law:	Not Reported
Officials Onsite Civil:	Not Reported
Officials Onsite None:	Not Reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not Reported
AST:	Not Reported
UST/LUST Other:	Not Reported
Delete:	False
Status Memo:	Not Reported

Lust HICA:

Leak Number:	7LTV95
Registration Number:	198606734
Date CorrectiveActionDesign Report(CADR) Rec:	Not Reported
Date CADR Due:	Not Reported
Date CADR Approved:	Not Reported
Date CADR Rejected:	Not Reported
Date CADR Remediation Started:	Not Reported
Date CADR Remediation Completed:	Not Reported
Staff CADR Reviewed By:	Not Reported

MAP FINDINGS

CARTER LAKE QUICK STOP, 1001 LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Lust Misc:

Misc Due Date:	Not Reported
Misc Rec Date:	12/27/1999
Misc Other:	Not Reported
Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not Reported
Misc Rec Date:	09/18/2006
Misc Other:	Not Reported
Misc Title:	REC'D MTBE PER E-MAIL
Misc Due Date:	04/21/1992
Misc Rec Date:	04/27/1992
Misc Other:	Not Reported
Misc Title:	Not Reported
IA_LUST_REM:	Not Reported

Lust Remediation:

Heat Treatment:	False
Land Application:	False
On Site:	False
Achieved Over-Excavation:	False
Soil Venting Passive:	False
Soil Venting Active:	False
BioRemediation Passive:	False
BioRemediation Active:	False
In Situ GW Treatment - Air Sparging:	False
Ground Water:	False
Fresh Water:	False
IGT - pH Adjustment:	False
Nutrient:	False
Oxygen:	False
Biological:	False
Permit Date:	Not Reported
Other:	False
Surface Treatment - Carbon Absorption:	False
Biological:	False
ST Other:	False
TDT Sanitary Sewer:	False
TDT Storm Sewer:	False
Stream:	False
TDT Other:	False
Reduced Risk Plugged Well:	False
RR Replace:	False
RR Relocate:	False
RR Other:	False
Delete:	False
Rem Memo:	Not Reported

MAP FINDINGS

CARTER LAKE QUICK STOP, 1001 LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Lust Tier 2 Report:

T2 Assesment Due:	12/04/1999
T2 Received:	12/27/1999
T2 Accepted:	Not Reported
T2 Rejected:	02/15/2000
T2 Reviewed:	Not Reported
T2 Assesment Due:	07/25/2000
T2 Received:	07/19/2000
T2 Accepted:	09/29/2000
T2 Rejected:	Not Reported
T2 Reviewed:	TMV

Lust Administration:

ID:	3173
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	10/02/1990
Owner Broke:	No
ER Date:	Not Reported
Cost Recovery Start Dt:	Not Reported
CR Notice of Intent Dt:	Not Reported
CR Appeal of NOI Dt:	Not Reported
CR Final Decision Dt:	Not Reported
CR EP Comm Lien Approval Dt:	Not Reported
CR Lien:	Not Reported
CR Ten Yr Renewal Dt:	Not Reported
CR Lien Named:	False
CR Remediation:	Not Reported
Delete:	False
CR Amnt Received:	Not Reported
CR End Date:	Not Reported
Memo:	Not Reported

Lust Track:

ID:	3173
Site Assesment Start Date:	10/16/1990
Free Product Recvry End Date:	10/20/2006
FP Letter Sent Date:	07/16/1991
FP Report Frequency:	Not Reported
Assesment Report Due:	Not Reported
Assesment Report Received:	Not Reported
Assesment Report Approved:	Not Reported
Achieved Over-Excavation:	Not Reported
Release Not Verified Date:	Not Reported
Ref to Contaminated Site Section:	Not Reported
Cleanup Start Date:	1996-03-07
Cleanup Complete Date:	2006-10-20

MAP FINDINGS

CARTER LAKE QUICK STOP, 1001 LOCUST ST, CARTER LAKE, IA 51510 (Continued)

Cleanup Report Due Date:	1993-11-23
Cleanup Report Received Date:	1995-05-25
Cleanup Report Approved Date:	1996-03-07
Check Report Due Date:	Not Reported
Check Report Received Date:	Not Reported
Check Report Rejected Date:	Not Reported
Check Report Approved Date:	Not Reported
Date Classified:	2006-10-20
Risk Classification -NFA:	True
Class - Low Risk:	False
Class - High Risk:	False
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not Reported
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	False
NFA Certificate Sent:	Not Reported
No Action Required:	False
Priority Ranking:	5
Delete:	False
Track Memo:	02/17/92: OVD FP RCVRY RPT LTR SNT. REC'D 2/21/92. RPT DUE 4/21/92.04/27/92: REC'D FP OP RCVRY RPT.07/20/92: SCR/STOP FP RCVRY OPS LTR SNT. REC'D 7/23. CNSLT DUE 8/23.SCR DUE.01/23/93. SCR REC'D 4/9/93. REJECTED.08/23/93: RP REC'D LTR TO REVISE SCR, DUE IN 90D.03/07/96: SCR REV LTR SNT. REC'D 3/8. HI W/MNTRNG.08/15/97: REC'D SMR.08/05/98: REC'D SMR.05/10/99: T1 ltr snt. Recd 5/12/99. Cnslt = 6/12. T1

MAP FINDINGS

CARTER LAKE QUICK STOP, 1001 LOCUST ST, CARTER LAKE, IA 51510 (Continued)

= 8/12/99.06/04/99: Ltr from rp/cnslt. Will do T2 & it will be to DNR by 12/4/99.12/27/99: REC'D TIER 2 REPORT & DISK. MTBE WORKSHEET & DISK.02/15/00: Sent T2 reject ltr; revised due 05/18/00; green card dated 02/18/00.

--tvb.07/13/00: Sent first OD letter for T2; green card dated 7-17-00 ---- due 7/27/00.07/19/00: REC'D REVISED TIER 2 REPORT & DISK.09/29/00: Sent T2 accept ltr; High Risk; CADR due 02/12/2001 with corrections; green card dated 10/02/2000. --tvb10/12/00: Sent neighbor notice ltr.

--tvb.11/15/00: GAB APPROVED SMR TO RECLASSIFY BUDGET.04/23/01: REC'D SMR. TIER 2 DISK.04/25/01: SMR failed soil gas again this time at alternate point to clear SVES acknowledge site CAN'T be reclassified.

--tvb05/16/02: SENT OD CADR LETTER. CADR = 5/31/02. (GREEN CARD DATED 5/20/02)05/23/02: Telcon w/K. Levier. Discussing CA options w/RP. Should have a decision by next week. OE being considered. Requested decision & activity schedule if OE is selected.

--JH08/29/02: Final OD letter sent for CADR. Due 9/19/0201/21/03: REC'D SMR & DISKETTE. ASKED TO BE RECLASSIFIED TO LOW.10/04/04: Sent SMR accept letter with comments reclassified to low risk with soil gas sampling at alternate point for SVES next SMR due 10/30/04 green card dated 10/08/04 tvb08/01/06: GAB Robins budget approval for SMR by RGD tvb09/18/06: REC'D TIER 2 SMR SOFTWARE & MTBE PER E-MAIL. bsg09/26/06: REC'D SMR. SITE RECLASSIFICATION RECOMMENDED FROM LR TO NAR. Bsg10/20/06: sent nfa letter reclassified with soil gas sampling at the soil source tvb01/05/07: entered free product recovery end data of 10/20/06 site is nfa and changing data bases tvb

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION 902 E LOCUST, CARTER LAKE, IA, 515100000			S106861007
▲ 11	W 1/10 - 1/3	(1190 ft. / 0.225 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists



Facility ID: 4
 Spill Number: 09084-AG-0
 Occur Date: Not Reported
 Discover Date: Not Reported
 Discover Time: Not Reported
 Record Date: Not Reported
 Leak Number: 7LTX42
 Loc ID: 62046
 Ust ID: 4
 Latitude: 41.28525
 Longitude: -95.91788
 Start Date: 09/16/1988
 Spill Date: Not Reported
 Date Occurred Time: Not Reported
 Lead ID: 5
 Coordinator ID: 11
 Staff ID: 6924
 Discover Method ID: Not Reported
 Leak Status: Not Reported
 Tanks Removed: 0
 Created Date: 01/08/2007
 Created By: migration
 Last Changed: 03/26/2015
 Changed By: Osborn.Lee

Lust Status:

ID: 4
 Site Leak Number: 7LTX42
 Discovered During: Other
 Tanks Removed: 0
 Leak Cause: Not Reported
 Gas: Not Reported
 Diesel: Not Reported
 Oil: Not Reported
 Kerosene: Not Reported
 Released Fuel Oil: Not Reported
 Released Hydraulic Oil: Not Reported
 Released Other Petroleum: Not Reported
 Released Unknown: Not Reported
 Released Non_Petroleum Chemical: Not Reported
 Gallons Released: 000000000000

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

Leak Status:	Unknown
Loc Soil:	Not Reported
Loc Ground Water:	Not Reported
Loc Surface Water:	Not Reported
Loc Water Supply:	Not Reported
Res Public Water Supply:	Not Reported
Resources Water Well:	Not Reported
Res Actual Drinking WW:	Not Reported
Res Non-Drink WW:	Not Reported
Res Soil:	Not Reported
Res Ground Water:	Not Reported
Res Surface Water:	Not Reported
Res Toxic Vapor:	Not Reported
Res Explosive Vapor:	Not Reported
Res Other:	Not Reported
Res Impacted Soil:	Not Reported
Res Impacted Ground Water:	Not Reported
Res Impacted Water Well:	Not Reported
Res Impacted Pub Water Supply:	Not Reported
Res Impacted Surface Water:	Not Reported
Res Impacted Toxic Vapor:	Not Reported
Res Impacted Explosive Vapor:	Not Reported
Res Impacted Other:	Not Reported
Res Impacted Drinking WW:	Not Reported
Res Impacted Non-Drink WW:	Not Reported
Res Impacted Potential Non Drink WW:	Not Reported
Officials Onsite Health:	Not Reported
Officials Onsite Fire:	Not Reported
Officials Onsite Law:	Not Reported
Officials Onsite Civil:	Not Reported
Officials Onsite None:	Not Reported
Officials Onsite Unknown:	Not Reported
Officials Onsite Other:	Not Reported
AST:	Not Reported
UST/LUST Other:	Not Reported
Delete:	False
Status Memo:	Not Reported

Lust HICA:

Leak Number:	7LTX42
Registration Number:	197900003
Date CorrectiveActionDesign Report(CADR) Rec:	Not Reported
Date CADR Due:	10/27/2003
Date CADR Approved:	Not Reported
Date CADR Rejected:	Not Reported
Date CADR Remediation Started:	Not Reported
Date CADR Remediation Completed:	Not Reported
Staff CADR Reviewed By:	Not Reported

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

Lust Misc:

Misc Due Date:	Not Reported
Misc Rec Date:	04/13/2001
Misc Other:	Not Reported
Misc Title:	MTBE WORKSHEET & DISK
IA_LUST_REM:	Not Reported

Lust Remediation:

Heat Treatment:	False
Land Application:	False
On Site:	False
Achieved Over-Excavation:	False
Soil Venting Passive:	False
Soil Venting Active:	False
BioRemediation Passive:	False
BioRemediation Active:	False
In Situ GW Treatment - Air Sparging:	False
Ground Water:	False
Fresh Water:	False
IGT - pH Adjustment:	False
Nutrient:	False
Oxygen:	False
Biological:	False
Permit Date:	Not Reported
Other:	False
Surface Treatment - Carbon Absorption:	False
Biological:	False
ST Other:	False
TDT Sanitary Sewer:	False
TDT Storm Sewer:	False
Stream:	False
TDT Other:	False
Reduced Risk Plugged Well:	False
RR Replace:	False
RR Relocate:	False
RR Other:	False
Delete:	False
Rem Memo:	Not Reported

Lust Free Product Recovery:

FPR Report Assesment Due:	12/30/1998
FPR Report Received:	02/03/1999
FPR Report Accepted:	Not Reported
FPR Report Rejected:	Not Reported
FPR Report Revised:	Not Reported

Lust Tier 2 Report:

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

T2 Assesment Due:	Not Reported
T2 Received:	04/13/2001
T2 Accepted:	Not Reported
T2 Rejected:	05/24/2001
T2 Reviewed:	VKS
T2 Assesment Due:	04/15/2003
T2 Received:	05/16/2003
T2 Accepted:	06/27/2003
T2 Rejected:	Not Reported
T2 Reviewed:	VKS

Lust Administration:

ID:	4
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	08/09/1984
Owner Broke:	No
ER Date:	07/01/1988
Cost Recovery Start Dt:	Not Reported
CR Notice of Intent Dt:	Not Reported
CR Appeal of NOI Dt:	Not Reported
CR Final Decision Dt:	Not Reported
CR EP Comm Lien Approval Dt:	Not Reported
CR Lien:	Not Reported
CR Ten Yr Renewal Dt:	Not Reported
CR Lien Named:	False
CR Remediation:	Not Reported
Delete:	False
CR Amnt Received:	Not Reported
CR End Date:	Not Reported
Memo:	Not Reported

Lust 28e:

Counter:	47
Staff Initials:	VKS
Type:	CONTRACTOR LIST
County:	Pottawattamie
Part Of State:	WESTERN
Priority Number:	Not Reported
Reason:	RBCA
Responsible Party:	STATE FUND ELIGIBLE
RFP No:	USTCA9703-01
Removed:	True
Date Removed:	06/23/2003
Field Office:	4
Newlist:	True
State Lead:	Contractor List
Access Letter Mailed:	Not Reported

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

Owner Signed Access:	1998-05-05
Signed Access to Contractor:	1998-05-12
Contractor Signed Access:	Not Reported
Final Access Mailed:	Not Reported
NFR:	Not Reported
Start Date:	1998-05-05
Memo:	<p>540 gallon diesel UST removed 10/14/98. 560 gallon waste oil UST removed 12/14/98. Tier 1 drilling conducted 12/10/98. UST removal report 2/15/99 (ka). Additional drilling Jan. 2001. 04/13/01: REC'D TIER 2 REPORT & DISK. MTBE WORKSHEET & DISK. 01/31/02: New owner will not allow access per status report from Geotek (ka). 3/13/02 - letter mailed to new owner (M-F Real Estate Inc.) by Wornson. Monitoring wells on site have been covered with asphalt. DNR will contact M-F Real Estate to establish time for monitoring well and fillpipe inspection. DNR asking the M-F Real Estate provide the name of the asphalt contractor who covered mw's and fillpipes to DNR no later than March 22, 2002. If inspection reveals that gw mon wells have not been properly plugged or destroyed, M-F Real Estate or other responsible party will need pay for the expense of installing new wells (ka). 6/11/02 - legal referral by Wornson (ka). 6-14-02: AO 02-UT-06 issued to current prop owner. AO is to provide access, locate, determine utility of wells, & P/A unusable wells. 8/26/02 - Geotek Status Report to Gastineau: "We have not had further contact with the new owner. This project is on hold." (New owner has denied access to property) (ka). 8/27/02: Referral to EPC letter sent for Sept 16, 2002 EPC meeting (DW). 10/03/02 - Butch Levell, new owner of property, signed contract with Geotek, giving access to his property (per Keith DeLange) ka. 10/11/02: Geotek Status Report, "New owner would not allow further work. 02/04/03 - Per James Gastineau, GeoTek having access problems with adjacent property owner (ka). 02/06/03 - e-mail written by James Gastineau establishing 5/1/03 as new due date (ka). 02/07/03 - letter from Geotek to Verne Schrunk requesting extension until May 15, 2003 for Tier 2 (due to death of drafts person) (ka). May 2003 - Geotek Status Report, "Revised Tier 2 report submitted 5/30/03" (ka).</p>

Lust AOSU:

Seq Number:	72
Distribution:	N
UST/LUST Other:	L

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

Order Type:	Not Reported
Legal Ref Start:	1989-06-27
Division ADM Date:	1989-06-27
CE Bureau Date:	1989-06-23
AO Issue Date:	1989-08-04
AO Number:	89-UT-09
Name Of Parties:	Not Reported
Penalty Due Date:	Not Reported
Penalty Amount:	Not Reported
Penalty Paid Date:	Not Reported
Penalty Amount Paid:	Not Reported
AO Appeal Date:	Not Reported
ALJ Decision Date:	Not Reported
EPC Decision Date:	Not Reported
Attorney Gen Ref Date:	Not Reported
Final Court Decision:	Not Reported
Case Number:	Not Reported
County:	Not Reported
Action Required:	Not Reported
Compliance Due:	Not Reported
In Compliance Date:	Not Reported
Removed:	False
Staff Initials:	VKS
Seq Number:	419
Distribution:	Not Reported
UST/LUST Other:	Not Reported
Order Type:	NEW OWNER ASPHALTED OVER MW AT CONTRACTOR FUND SIT
Legal Ref Start:	2002-06-11
Division ADM Date:	Not Reported
CE Bureau Date:	2002-06-12
AO Issue Date:	2002-06-14
AO Number:	02-UT-06
Name Of Parties:	M-F REAL ESTATE, INC./FRED "BUTCH" LEVELL
Penalty Due Date:	2002-08-19
Penalty Amount:	3200
Penalty Paid Date:	Not Reported
Penalty Amount Paid:	Not Reported
AO Appeal Date:	Not Reported
ALJ Decision Date:	Not Reported
EPC Decision Date:	Not Reported
Attorney Gen Ref Date:	Not Reported
Final Court Decision:	Not Reported
Case Number:	Not Reported
County:	Not Reported
Action Required:	Not Reported
Compliance Due:	2002-07-19
In Compliance Date:	Not Reported
Removed:	False
Staff Initials:	DW

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

Lust ATP:

Seq Number:	75
Last Name:	CLAPP
Priority Rank:	Not Reported
Type:	L
Reason:	SCR
ATP Due:	Not Reported
ATP Letter:	05/15/1992
Financial Documents Recvd:	Not Reported
Able/Unable To Pay:	Not Reported
Final Letter:	Not Reported
Project Complete:	False
RP Able to Pay:	False
Project Removed:	True
Staff Initials:	VKS
Comments:	Deceased. Fund eligible. Contractor List.

Lust Track:

ID:	5689
Site Assesment Start Date:	Not Reported
Free Product Recvry End Date:	Not Reported
FP Letter Sent Date:	Not Reported
FP Report Frequency:	Not Reported
Assesment Report Due:	Not Reported
Assesment Report Received:	Not Reported
Assesment Report Approved:	Not Reported
Achieved Over-Excavation:	Not Reported
Release Not Verified Date:	Not Reported
Ref to Contaminated Site Section:	Not Reported
Cleanup Start Date:	2003-06-26
Cleanup Complete Date:	Not Reported
Cleanup Report Due Date:	Not Reported
Cleanup Report Received Date:	Not Reported
Cleanup Report Approved Date:	Not Reported
Check Report Due Date:	Not Reported
Check Report Received Date:	Not Reported
Check Report Rejected Date:	Not Reported
Check Report Approved Date:	Not Reported
Date Classified:	2003-06-27
Risk Classification -NFA:	False
Class - Low Risk:	False
Class - High Risk:	True
Lust Current:	High Risk
Tier 1 Consultant Recommends:	Not Reported
T1 Actual GW Ingestion:	False
T1 Poten GW Ingestion from Protected GW:	False
T1 Poten GW Ingestion from Protected GW:	False

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

T1 GW Vapor to Enclosed Space:	False
T1 GW to Plastic Water Line:	False
T1 Surface Water:	False
T1 Soil Leaching to GW:	False
T1 Soil Vapor to Enclosed Space:	False
T1 Soil to Plastic Line:	False
Tier 2 Consultant Recommends:	High Risk
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	Low Risk
T2 GW Vapor to Enclosed Space:	High Risk
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	High Risk
T2 Soil Vapor to Enclosed Space:	High Risk
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	False
NFA Certificate Sent:	Not Reported
No Action Required:	False
Priority Ranking:	3
Delete:	False
Track Memo:	<p>INSOLVENCY/'ABILITY TO PAY' SITUATION. SEE P KOGER.SITE WAS REFERRED IN AUGUST OF 1989.ON LUST TRUST FUND</p> <p>LIST.09/22/98: ON FUND CONTRACTORS LIST.09/12/00: Geotek status report. UST removed 12/10/98. Tier 1 drilling 12/10/98. Tier 2 completion target date 10/31/00</p> <p>(ka).02/02/01: Geotek status report. Extensive plume, additional drilling conducted in Jan. 2001 (ka).04/13/01: REC'D TIER 2 REPORT & DISK. MTBE WORKSHEET & DISK.05/24/01: T2 rev ltr snt. Rej. Recd 8/25. Revsd T2 = 8/27/2001.01/31/02: New owner will not allow access per status report from Geotek (ka).03/04/02: Note to DW on access. --JH03/13/02: DW letter to M-F Real Estate, Butch Levell, new property owner re: GeoTek report that all mw have been asphalted over.06/14/02: AO 02-UT-06 issued to current prop owner. AO is to provide access, locate, determine utility of wells, & P/A unusable wells.08/26/02: Geotek Status Report to Gastineau: "We have not had further contact with the new owner. This project is on hold." (New owner has denied access to property) (ka).08/27/02: DW referral to EPC letter.09/06/02:</p>

MAP FINDINGS

FORMER CLAPP'S SERVICE STATION, 902 E LOCUST, CARTER LAKE, IA 515100000 (Continued)

E-mail from JH to LW, re LW ?s to DW. Ok to use non-certif
lab samples, must address off-site source contrib
claim.09/06/02: Geotek Status Report: "Tier 2 rejected
5/24/01. New owner will not allow further work."
(ka).10/03/02: Butch Levell, new owner of property, signed
contract with Geotek, giving access to his property (per
Keith DeLange) ka.11/21/02: REC'D LETTER FROM LINDA WATTS
TO LAKESIDE AUTO RECYCLERS RE: LOCATE, REPAIR, AND SAMPLE
FOUR MONITORING WELLS.11/22/02: E-mail from Fund to Geotek.
T2=01/30/03. --JH02/06/03: E-mail written by James
Gastineau establishing 5/1/03 as new due date
(ka).02/14/03: REC'D REQUEST FOR TIME EXTENSION FOR
SUBMITTAL OF TIER 2 UNTIL 4/15/03. --bsg02/18/03: Te OK
snt. T2 = 4/15/03.05/12/03: REC'D REQUEST FOR EXTENSION FOR
SUBMITTAL OF THE TIER 2 SCR UNTIL 5/15/03. --bsg05/16/03:
REC'D REVISED T2, MTBE & DISKETTE.06/03/03: REC'D COPY OF
IOWA GEOLOGICAL SURVEY WELL SEARCH REPORT. Bsg05/20/03:
Geotek Status Report, "Revised Tier 2 report submitted
5/30/03" (ka).06/27/03: Revsd T2 rev ltr snt. Ok hi. Rec'd
6/30. CADR = 10/27/03.10/05/04: Ltr snt 'inviting'
scheduling 1st mtg re CA.

MAP FINDINGS

HOLIDAY INN EXPRESS
2510 ABBOTT PLAZA, CARTER LAKE, IA, 51510

S108270107

▲ 12

S 1/10 - 1/3 (1331 ft. / 0.252 mi.)
Equal Elevation 980 ft. Above Sea Level

Other Standard Environmental Records

Worksheet:

ALLSITES: Other Standard Environmental Records



Site Id Number:	624
Project Manager:	Tami Quam
Ownership Type:	Private
Status:	Closed
Origin:	Environmental Assessment
Program:	CERCLA Preremedial
Site Type:	Commercial

MAP FINDINGS

LAKESIDE AUTO RECYCLERS 2813 NORTH 9TH STREET, CARTER LAKE, IA, 51510			1007057747
▲ C13	WSW 1/10 - 1/3	(1365 ft. / 0.258 mi.)	Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

US BROWNFIELDS: Other Standard Environmental Records



Recipient name:	R7 Brownfields TBA (previously Superfund TBA)
Grant type:	TBA
Property name:	LAKESIDE AUTO RECYCLERS
Property #:	Not Reported
Parcel size:	Not Reported
Property Description:	Private owner - property desired to be purchased by City of Carter Lake, Iowa
Latitude:	41.284216
Longitude:	-95.917874
HCM label:	Not Reported
Map scale:	Not Reported
Point of reference:	Not Reported
Datum:	Not Reported
ACRES property ID:	11085
Start date:	Not Reported
Completed date:	Not Reported
Acres cleaned up:	Not Reported
Cleanup funding:	Not Reported
Cleanup funding source:	Not Reported
Assessment funding:	1
Assessment funding source:	US EPA - TBA Funding
Redevelopment funding:	Not Reported
Redev. funding source:	Not Reported
Redev. funding entity name:	Not Reported
Redevelopment start date:	Not Reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not Reported
Grant type:	H
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	n/a
Ownership entity:	Not Reported
Current owner:	Not Reported
Did owner change:	Not Reported
Cleanup required:	Not Reported
Video available:	Not Reported
Photo available:	Not Reported
Institutional controls required:	Not Reported
IC Category proprietary controls:	Not Reported
IC cat. info. devices:	Not Reported
IC cat. gov. controls:	Not Reported

MAP FINDINGS

LAKESIDE AUTO RECYCLERS, 2813 NORTH 9TH STREET, CARTER LAKE, IA 51510 (Continued)

IC cat. enforcement permit tools:	Not Reported
IC in place date:	Not Reported
IC in place:	Unknown
State/tribal program date:	Not Reported
State/tribal program ID:	Not Reported
State/tribal NFA date:	Not Reported
Air contaminated:	Not Reported
Air cleaned:	Not Reported
Asbestos found:	Not Reported
Asbestos cleaned:	Not Reported
Controlled substance found:	Not Reported
Controlled substance cleaned:	Not Reported
Drinking water affected:	Not Reported
Drinking water cleaned:	Not Reported
Groundwater affected:	Not Reported
Groundwater cleaned:	Not Reported
Lead contaminant found:	Not Reported
Lead cleaned up:	Not Reported
No media affected:	Not Reported
Unknown media affected:	Not Reported
Other cleaned up:	Not Reported
Other metals found:	Not Reported
Other metals cleaned:	Not Reported
Other contaminants found:	Not Reported
Other contams found description:	Not Reported
PAHs found:	Not Reported
PAHs cleaned up:	Not Reported
PCBs found:	Not Reported
PCBs cleaned up:	Not Reported
Petro products found:	Not Reported
Petro products cleaned:	Not Reported
Sediments found:	Not Reported
Sediments cleaned:	Not Reported
Soil affected:	Not Reported
Soil cleaned up:	Not Reported
Surface water cleaned:	Not Reported
VOCs found:	Not Reported
VOCs cleaned:	Not Reported
Cleanup other description:	Not Reported
Num. of cleanup and re-dev. jobs:	Not Reported
Past use greenspace acreage:	Not Reported
Past use residential acreage:	Not Reported
Past use commercial acreage:	Not Reported
Past use industrial acreage:	Not Reported
Future use greenspace acreage:	Not Reported
Future use residential acreage:	Not Reported
Future use commercial acreage:	Not Reported
Future use industrial acreage:	Not Reported
Greenspace acreage and type:	Not Reported
Superfund Fed. landowner flag:	Not Reported

MAP FINDINGS

LAKESIDE AUTO RECYCLERS, 2813 NORTH 9TH STREET, CARTER LAKE, IA 51510 (Continued)

Arsenic cleaned up:	Not Reported
Cadmium cleaned up:	Not Reported
Chromium cleaned up:	Not Reported
Copper cleaned up:	Not Reported
Iron cleaned up:	Not Reported
mercury cleaned up:	Not Reported
nickel cleaned up:	Not Reported
No clean up:	Not Reported
Pesticides cleaned up:	Not Reported
Selenium cleaned up:	Not Reported
SVOCs cleaned up:	Not Reported
Unknown clean up:	Not Reported
Arsenic contaminant found:	Not Reported
Cadmium contaminant found:	Not Reported
Chromium contaminant found:	Not Reported
Copper contaminant found:	Not Reported
Iron contaminant found:	Not Reported
Mercury contaminant found:	Not Reported
Nickel contaminant found:	Not Reported
No contaminant found:	Not Reported
Pesticides contaminant found:	Not Reported
Selenium contaminant found:	Not Reported
SVOCs contaminant found:	Not Reported
Unknown contaminant found:	Not Reported
Future Use: Multistory	Not Reported
Media affected Bluiding Material:	Not Reported
Media affected indoor air:	Not Reported
Building material media cleaned up:	Not Reported
Indoor air media cleaned up:	Not Reported
Unknown media cleaned up:	Not Reported
Past Use: Multistory	Not Reported

MAP FINDINGS

LAKESIDE AUTO RECYCLERS
2813 NORTH 9TH STREET, CARTER LAKE, IA,

S109332593

▲ C14

WSW 1/10 - 1/3

(1365 ft. / 0.258 mi.)

State and tribal Brownfields sites
Other Standard Environmental Records

Equal Elevation

980 ft. Above Sea Level

Worksheet:

ALLSITES: Other Standard Environmental Records



Site Id Number:	1188
Project Manager:	Cal Lundberg
Ownership Type:	Private
Status:	Closed
Origin:	EPA
Program:	Brownfield
Site Type:	Commercial

IA BROWNFIELD: State and tribal Brownfields sites



Facility ID:	1188
Status:	Closed
Origin:	EPA
Program:	Brownfield
Site Type:	Commercial

MAP FINDINGS

PRAXAIR DISTRIBUTION INC 1100 H AVENUE, CARTER LAKE, IA, 51510			S109947595
▲ 15	SSW 1/10 - 1/3	(1530 ft. / 0.29 mi.)	State and tribal landfill / solid waste disposal Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

TIER 2: Other Standard Environmental Records



Report Year: 2015
 Facility Id: 2134
 Id: 5169
 Description: CHEMICALS AND ALLIED PRODUCTS SIC
 Last Modified: Not Reported

 Id: 424690
 Description: Other Chemical and Allied Products Merchant Wholesalers NAICS
 Last Modified: Not Reported

 State Id: Not Reported
 Fire District: Carter Lake Fire Department
 Site Map: Not Reported
 Site Coord Abbreviation: Not Reported
 Date Signed: 01/14/2008
 Date Modified: 02/24/2016
 Dike Or Other Safeguard: Not Reported
 Mailing Address: 1100 Avenue Ave
 Mail City: Carter Lake
 Mail State: IA
 Mail Zip: 51510
 Latitude: 41.28147
 Longitude: -95.91631
 Notes: Not Reported

Contact:

Report Year: 2015
 Contact Id: 144618
 Date Modified: Not Reported
 First Name: Richard
 Last Name: Pensick
 Title: Not Reported
 Email: Richard_Pensick@praxair.com
 Address: 1100 Avenue H
 City: Carter Lake
 Country: US
 State: IA
 Zip Code: 51510
 Type1: Owner / Operator
 Last Modified: Not Reported
 Telephone: 712-347-5410
 Telephone Type: Work

MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Chemical:

Report Year:	2015
Chem Inv Record Id:	11963
CICAS:	7440-37-1
EHS Chemical:	Not Reported
Chemical Name:	ARGON
Acute:	Not Reported
Ave Amount:	40000
Ave Amount Code:	7
Max Amount:	70000
Max Amount Code:	8
Chronic:	Not Reported
Last Modified:	Not Reported
Days On Site:	365
Fire:	Not Reported
Gas:	True
Liquid:	True
Mixture:	True
Pressure:	True
Pure:	True
Reactive:	Not Reported
Solid:	Not Reported
Trade Secret:	Not Reported

Chemical Loc:

Report Year:	2015
Record Key:	18330
Chem Inv Record Id:	11963
Type Code:	Above ground tank
Pressure Code:	Greater than ambient pressure
Temperature Code:	Cryogenic conditions
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Record Key:	18331
Chem Inv Record Id:	11963
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure
Temperature Code:	Cryogenic conditions
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Record Key:	18332
Chem Inv Record Id:	11963
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure

MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Temperature Code:	Ambient temperature
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Chem Inv Record Id:	22433
CICAS:	7727-37-9
EHS Chemical:	Not Reported
Chemical Name:	NITROGEN
Acute:	Not Reported
Ave Amount:	24000
Ave Amount Code:	6
Max Amount:	36000
Max Amount Code:	7
Chronic:	Not Reported
Last Modified:	Not Reported
Days On Site:	365
Fire:	Not Reported
Gas:	True
Liquid:	True
Mixture:	True
Pressure:	True
Pure:	True
Reactive:	Not Reported
Solid:	Not Reported
Trade Secret:	Not Reported

Chemical Loc:

Report Year:	2015
Record Key:	33032
Chem Inv Record Id:	22433
Type Code:	Above ground tank
Pressure Code:	Greater than ambient pressure
Temperature Code:	Cryogenic conditions
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Record Key:	33033
Chem Inv Record Id:	22433
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure
Temperature Code:	Ambient temperature
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Record Key:	33034

MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Chem Inv Record Id:	22433
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure
Temperature Code:	Cryogenic conditions
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Chem Inv Record Id:	22434
CICAS:	7782-44-7
EHS Chemical:	Not Reported
Chemical Name:	OXYGEN
Acute:	Not Reported
Ave Amount:	42000
Ave Amount Code:	7
Max Amount:	58000
Max Amount Code:	8
Chronic:	Not Reported
Last Modified:	Not Reported
Days On Site:	365
Fire:	True
Gas:	True
Liquid:	True
Mixture:	True
Pressure:	True
Pure:	True
Reactive:	Not Reported
Solid:	Not Reported
Trade Secret:	Not Reported

Chemical Loc:

Report Year:	2015
Record Key:	33035
Chem Inv Record Id:	22434
Type Code:	Above ground tank
Pressure Code:	Greater than ambient pressure
Temperature Code:	Cryogenic conditions
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Record Key:	33036
Chem Inv Record Id:	22434
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure
Temperature Code:	Cryogenic conditions
Location:	Not Reported
Date Last Modified:	Not Reported

MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Amount:	Not Reported
Report Year:	2015
Record Key:	33037
Chem Inv Record Id:	22434
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure
Temperature Code:	Ambient temperature
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Chem Inv Record Id:	22435
CICAS:	124-38-9
EHS Chemical:	Not Reported
Chemical Name:	CARBON DIOXIDE
Acute:	Not Reported
Ave Amount:	40000
Ave Amount Code:	7
Max Amount:	60000
Max Amount Code:	8
Chronic:	Not Reported
Last Modified:	Not Reported
Days On Site:	365
Fire:	Not Reported
Gas:	True
Liquid:	True
Mixture:	True
Pressure:	True
Pure:	True
Reactive:	Not Reported
Solid:	Not Reported
Trade Secret:	Not Reported

Chemical Loc:

Report Year:	2015
Record Key:	33038
Chem Inv Record Id:	22435
Type Code:	Above ground tank
Pressure Code:	Greater than ambient pressure
Temperature Code:	Less than ambient temperature but not cryogenic
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Record Key:	33039
Chem Inv Record Id:	22435
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure

MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Temperature Code:	Less than ambient temperature but not cryogenic
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Record Key:	33040
Chem Inv Record Id:	22435
Type Code:	Cylinder
Pressure Code:	Greater than ambient pressure
Temperature Code:	Ambient temperature
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2015
Chem Inv Record Id:	28716
CICAS:	74-98-6
EHS Chemical:	Not Reported
Chemical Name:	PROPANE
Acute:	Not Reported
Ave Amount:	43180
Ave Amount Code:	7
Max Amount:	76000
Max Amount Code:	9
Chronic:	Not Reported
Last Modified:	Not Reported
Days On Site:	365
Fire:	True
Gas:	True
Liquid:	True
Mixture:	Not Reported
Pressure:	True
Pure:	True
Reactive:	Not Reported
Solid:	Not Reported
Trade Secret:	Not Reported

Chemical Loc:

Report Year:	2015
Record Key:	43243
Chem Inv Record Id:	28716
Type Code:	Above ground tank
Pressure Code:	Greater than ambient pressure
Temperature Code:	Ambient temperature
Location:	Not Reported
Date Last Modified:	Not Reported
Amount:	Not Reported

Report Year:	2014
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MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Facility Id:	2134
State Id:	Not Reported
Fire District:	Carter Lake Fire Department
Site Map:	Not Reported
Site Coord Abbreviation:	Not Reported
Date Signed:	01/14/2008
Date Modified:	02/13/2015
Dike Or Other Safeguard:	Not Reported
Mailing Address:	1100 Avenue Ave
Mail City:	Carter Lake
Mail State:	IA
Mail Zip:	51510
Latitude:	41.28147
Longitude:	-95.91631
Notes:	Not Reported

Report Year:	2013
Facility Id:	2134
State Id:	Not Reported
Fire District:	Carter Lake Fire Department
Site Map:	Not Reported
Site Coord Abbreviation:	Not Reported
Date Signed:	01/14/2008
Date Modified:	02/27/2014
Dike Or Other Safeguard:	Not Reported
Mailing Address:	1100 Avenue Ave
Mail City:	Carter Lake
Mail State:	IA
Mail Zip:	51510
Latitude:	41.28147
Longitude:	-95.91631
Notes:	Not Reported

Report Year:	2012
Facility Id:	FAIDSIT2A00002134
State Id:	Not Reported
Fire District:	Carter Lake Fire Department
Site Map:	True
Site Coord Abbreviation:	False
Date Signed:	01/01/1900
Date Modified:	02/03/2012
Dike Or Other Safeguard:	False
Mailing Address:	1100 Avenue Ave
Mail City:	Carter Lake
Mail State:	IA
Mail Zip:	51510
Latitude:	41.28147
Longitude:	-95.91631
Notes:	Not Reported

Report Year:	2012
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MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Facility Id: FAIDSIT2A00002134
 State Id: Not Reported
 Fire District: Carter Lake Fire Department
 Site Map: True
 Site Coord Abbreviation: False
 Date Signed: 02/26/2013
 Date Modified: 02/26/2013
 Dike Or Other Safeguard: False
 Mailing Address: 1100 Avenue Ave
 Mail City: Carter Lake
 Mail State: IA
 Mail Zip: 51510
 Latitude: 41.28147
 Longitude: -95.91631
 Notes: Not Reported

Report Year: 2010
 Facility Id: FAIDSIT2A00002134
 State Id: Not Reported
 Fire District: Carter Lake Fire Department
 Site Map: True
 Site Coord Abbreviation: False
 Date Signed: 2011-01-19T11:01:29
 Date Modified: 3/30/2011
 Dike Or Other Safeguard: False
 Mailing Address: 1100 Avenue Ave
 Mail City: Carter Lake
 Mail State: IA
 Mail Zip: 51510
 Latitude: 41.281475
 Longitude: -95.916314999999997
 Notes: Not Reported

Report Year: 2009
 Facility Id: FAIDSIT2A00002134
 State Id: IA
 Fire District: Carter Lake Fire Department
 Site Map: True
 Site Coord Abbreviation: False
 Date Signed: 2010-01-28T09:54:10
 Date Modified: 2010-01-28T09:53:45
 Dike Or Other Safeguard: False
 Mailing Address: 1100 Avenue Ave
 Mail City: Carter Lake
 Mail State: IA
 Mail Zip: 51510
 Latitude: 41.281475
 Longitude: -95.916314999999997
 Notes: Not Reported

SWF/LF: State and tribal landfill / solid waste disposal



MAP FINDINGS

PRAXAIR DISTRIBUTION INC, 1100 H AVENUE, CARTER LAKE, IA 51510 (Continued)

Facility ID:	78-SDP-20-01
Facility Type:	Industrial Landfill
Permit Stage:	Closure
Expiration Date:	N/A
Project Officer:	Koger
Affiliation:	Responsible Official of Agency served,Automated Email
Phone:	Work: (732) 738-3424Fax: (732) 738-9586
Contact Name:	Nicholas A DiFranco
Contact Title:	Associate Director
Contact eMail:	nick_difranco@praxair.com
Contact Company:	Praxair, Inc.
Contact Address:	PO Box 237
Contact Address2:	Not Reported
Contact City,St,Zip:	Keasbey, NJ 08832
Field Office:	4
Loc Supplement:	Not Reported
Latitude:	41.281370
Longitude:	-95.916169

MAP FINDINGS

THRIFTY CAR RENTAL 2323 ABBOTT DR, OMAHA, NE, 68110-2751			1005879736
▲ D16	S 1/10 - 1/3	(1578 ft. / 0.299 mi.)	State and tribal leaking storage tank lists Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

ECHO: Other Standard Environmental Records



Envid: 1005879736
 Registry ID: 110010171367
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110010171367

FINDS: Other Standard Environmental Records



Registry ID: 110010171367

Environmental Interest/Information System:

STATE MASTER

LUST: State and tribal leaking storage tank lists



Facility Status: NO FURTHER ACTION (INCIDENT CLOSED)
Incident Type: UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
File Number: 020791-99-0002
Owner/RP: J K RENTAL INC
SFM Num: 6075
Owner Mailing Address: PO BOX 19001
Owner Mailing City: OMAHA
Owner Mailing State: NE
Owner Mailing Zip: 68119
Discovery Date: 11/06/1990
Material Released: GASOLINE

MAP FINDINGS

THRIFTY CAR RENTAL 2323 ABBOTT DR, SE CNRN 22ND A, OMAHA, NE,			S100065587
▲ D17	S 1/10 - 1/3	(1578 ft. / 0.299 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists



Facility Status:

NO FURTHER ACTION (INCIDENT CLOSED)

Incident Type:	UNDERGROUND STORAGE TANK - REGULATED UNDER FEDERAL RULES
File Number:	021601-99-0000
Owner/RP:	JOHN KRAFT CHEVROLET
SFM Num:	6075
Owner Mailing Address:	8505 CROWN PT AVE
Owner Mailing City:	OMAHA
Owner Mailing State:	NE
Owner Mailing Zip:	68134
Discovery Date:	07/31/2000
Material Released:	GASOLINE

MAP FINDINGS

HAMILTON PROPERTY 821 AND 823 LOCUST, CARTER LAKE, IA, 51510			1016353010
▲ E18	W 1/10 - 1/3	(1600 ft. / 0.303 mi.)	Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

US BROWNFIELDS: Other Standard Environmental Records



Recipient name: Carter Lake, City of
 Grant type: Assessment
 Property name: HAMILTON PROPERTY
 Property #: 754420281006
 Parcel size: .27
 Property Description: Currently vacant. Formerly Hamilton's Standard Amoco gas station.
 Past owner: Abel Hamilton and Ella Swanson Hamilton.

Latitude: 41.28474
 Longitude: -95.918185
 HCM label: Address Matching-Digitized
 Map scale: Not Reported
 Point of reference: Center of a Facility or Station
 Datum: World Geodetic System of 1984
 ACRES property ID: 98865
 Start date: Not Reported
 Completed date: Not Reported
 Acres cleaned up: Not Reported
 Cleanup funding: Not Reported
 Cleanup funding source: Not Reported
 Assessment funding: 3684
 Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
 Redevelopment funding: Not Reported
 Redev. funding source: Not Reported
 Redev. funding entity name: Not Reported
 Redevelopment start date: Not Reported
 Assessment funding entity: EPA
 Cleanup funding entity: Not Reported
 Grant type: P
 Accomplishment type: Phase I Environmental Assessment
 Accomplishment count: 1
 Cooperative agreement #: 98796501
 Ownership entity: Private
 Current owner: Fred-Milton Hamilton
 Did owner change: N
 Cleanup required: Unknown
 Video available: No
 Photo available: Yes
 Institutional controls required: U
 IC Category proprietary controls: Not Reported
 IC cat. info. devices: Not Reported
 IC cat. gov. controls: Not Reported

MAP FINDINGS

HAMILTON PROPERTY, 821 AND 823 LOCUST, CARTER LAKE, IA 51510 (Continued)

IC cat. enforcement permit tools:	Not Reported
IC in place date:	Not Reported
IC in place:	Not Reported
State/tribal program date:	Not Reported
State/tribal program ID:	Not Reported
State/tribal NFA date:	Not Reported
Air contaminated:	Not Reported
Air cleaned:	Not Reported
Asbestos found:	Not Reported
Asbestos cleaned:	Not Reported
Controlled substance found:	Not Reported
Controlled substance cleaned:	Not Reported
Drinking water affected:	Not Reported
Drinking water cleaned:	Not Reported
Groundwater affected:	Not Reported
Groundwater cleaned:	Not Reported
Lead contaminant found:	Not Reported
Lead cleaned up:	Not Reported
No media affected:	Not Reported
Unknown media affected:	Y
Other cleaned up:	Not Reported
Other metals found:	Not Reported
Other metals cleaned:	Not Reported
Other contaminants found:	Not Reported
Other contams found description:	Not Reported
PAHs found:	Not Reported
PAHs cleaned up:	Not Reported
PCBs found:	Not Reported
PCBs cleaned up:	Not Reported
Petro products found:	Not Reported
Petro products cleaned:	Not Reported
Sediments found:	Not Reported
Sediments cleaned:	Not Reported
Soil affected:	Not Reported
Soil cleaned up:	Not Reported
Surface water cleaned:	Not Reported
VOCs found:	Not Reported
VOCs cleaned:	Not Reported
Cleanup other description:	Not Reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not Reported
Past use residential acreage:	Not Reported
Past use commercial acreage:	.27
Past use industrial acreage:	Not Reported
Future use greenspace acreage:	Not Reported
Future use residential acreage:	Not Reported
Future use commercial acreage:	Not Reported
Future use industrial acreage:	Not Reported
Greenspace acreage and type:	Not Reported
Superfund Fed. landowner flag:	Not Reported

MAP FINDINGS

HAMILTON PROPERTY, 821 AND 823 LOCUST, CARTER LAKE, IA 51510 (Continued)

Arsenic cleaned up:	Not Reported
Cadmium cleaned up:	Not Reported
Chromium cleaned up:	Not Reported
Copper cleaned up:	Not Reported
Iron cleaned up:	Not Reported
mercury cleaned up:	Not Reported
nickel cleaned up:	Not Reported
No clean up:	Not Reported
Pesticides cleaned up:	Not Reported
Selenium cleaned up:	Not Reported
SVOCs cleaned up:	Not Reported
Unknown clean up:	Not Reported
Arsenic contaminant found:	Not Reported
Cadmium contaminant found:	Not Reported
Chromium contaminant found:	Not Reported
Copper contaminant found:	Not Reported
Iron contaminant found:	Not Reported
Mercury contaminant found:	Not Reported
Nickel contaminant found:	Not Reported
No contaminant found:	Not Reported
Pesticides contaminant found:	Not Reported
Selenium contaminant found:	Not Reported
SVOCs contaminant found:	Not Reported
Unknown contaminant found:	Not Reported
Future Use: Multistory	Not Reported
Media affected Bluiding Material:	Not Reported
Media affected indoor air:	Not Reported
Building material media cleaned up:	Not Reported
Indoor air media cleaned up:	Not Reported
Unknown media cleaned up:	Not Reported
Past Use: Multistory	Not Reported

FINDS: Other Standard Environmental Records

Registry ID: 110039688656

Environmental Interest/Information System:

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

ECHO: Other Standard Environmental Records

Envid: 1016353010
 Registry ID: 110039688656
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110039688656

MAP FINDINGS

HAMILTON PROPERTY 823 LOCUST STREET, CARTER LAKE, IA, 51510			S111284300
▲ E19	W 1/10 - 1/3	(1600 ft. / 0.303 mi.)	State and tribal leaking storage tank lists Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

IA Financial Assurance 1: Other Standard Environmental Records



Facility ID: 197910637
 Insurers Name: None
 Policy End Date: Not Reported
 Site Status: Not Reported
 Financial Code: 16
 Policy Number: Not Reported
 Policy Start Date: Not Reported

LUST: State and tribal leaking storage tank lists



Facility ID: 6441
 Spill Number: Not Reported
 Occur Date: Not Reported
 Discover Date: 10/11/2010
 Discover Time: Not Reported
 Record Date: 01/31/2011
 Leak Number: 9LTP21
 Loc ID: 79554
 Ust ID: 18179
 Latitude: 41.28494
 Longitude: -95.91889
 Start Date: 07/11/2011
 Spill Date: Not Reported
 Date Occurred Time: Not Reported
 Lead ID: 4
 Coordinator ID: 7182
 Staff ID: 6925
 Discover Method ID: 0
 Leak Status: 0
 Tanks Removed: 0
 Created Date: 07/11/2011
 Created By: bonnie.garrison@dnr.iowa.gov
 Last Changed: 02/16/2016
 Changed By: Vander Bloemen.Tammy
 IA_LUST_REM: Not Reported

MAP FINDINGS

O & P WAREHOUSE 900 AVENUE H, CARTER LAKE, IA, 51510			S108270204
▲ 20	SW 1/10 - 1/3	(1699 ft. / 0.322 mi.)	Other Standard Environmental Records
	Equal Elevation	980 ft. Above Sea Level	

Worksheet:

ALLSITES: Other Standard Environmental Records

Site Id Number:	583
Project Manager:	Tami Quam
Ownership Type:	Private
Status:	Closed
Origin:	Environmental Assessment
Program:	CERCLA Preremedial
Site Type:	Commercial

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate 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

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 3

Telephone: 202-564-6023

Last EDR Contact :05/12/2016

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 08/01/2015

Source: Environmental Protection Agency

Number of Days to Update: 69

Telephone: 202-564-8600

Last EDR Contact :04/25/2016

AIRS: Minor and Title V Sources Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of Minor and Title V sources.

Date of Government Version: 09/14/2015

Source: Department of Natural Resources

Number of Days to Update: 37

Telephone: 515-281-8468

Last EDR Contact :06/09/2016

ALLSITES: Contaminated Sites Tracking Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

All the sites included in the Contaminated Sites Tracking Database. The database includes several regulatory compliance programs and actions.

Date of Government Version: 11/04/2015

Source: Department of Natural Resources

Number of Days to Update: 32

Telephone: 515-281-4171

Last EDR Contact :04/15/2016

AST: Aboveground Storage Tank Sites

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

Search Distance: Property

Bulk fuel facilities, commercial fuel operations, private farm sites, and any other storage facility that meets the Department of Public Safety's registration criteria. They register any class I, II or III petroleum product (gas, diesel and oil) above 1,100 gallons.

Date of Government Version: 01/11/2016

Source: Department of Public Safety

Number of Days to Update: 63

Telephone: 515-281-5821

Last EDR Contact :03/28/2016

BROWNFIELDS: Brownfields Site Listing

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

Brownfields are abandoned, idled, or under-used industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 11/04/2015

Source: Department of Natural Resources

Number of Days to Update: 32

Telephone: 515-281-8489

Last EDR Contact :04/15/2016

COAL ASH: Coal Ash Disposal Site Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residue landfill locations.

Date of Government Version: 03/07/2016

Source: Department of Natural Resources

Number of Days to Update: 55

Telephone: 515-281-8308

Last EDR Contact :06/08/2016

DEL SHWS: Delisted Contaminated Sites Listing

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

A listing of sites delisted from the Contaminated Sites Listing.

Date of Government Version: 12/31/2015

Source: Department of Natural Resources

Number of Days to Update: 46

Telephone: 515-281-8801

Last EDR Contact :04/19/2016

DRYCLEANERS: Iowa Drycleaner List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

A listing of drycleaners in Iowa.

Date of Government Version: 10/25/2015

Source: Department of Natural Resources

Number of Days to Update: 54

Telephone: 515-242-5100

Last EDR Contact :04/18/2016

Financial Assurance 1: Financial Assurance Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

A listing of financial assurance information for underground storage tank 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: 03/07/2016

Source: Department of Natural Resources

Number of Days to Update: 45

Telephone: 515-242-5086

Last EDR Contact :06/03/2016

Financial Assurance 2: Financial Assurance Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

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: 12/07/2015

Source: Department of Natural Resources

Number of Days to Update: 57

Telephone: 515-242-5818

Last EDR Contact :06/02/2016

INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Sites currently enrolled in the Land Recycling Program that have Institutional Controls.

Date of Government Version: 01/19/2016

Source: Department of Natural Resources

Number of Days to Update: 14

Telephone: 515-242-5818

Last EDR Contact :04/20/2016

LAST: Leaking Aboveground Storage Tank Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking aboveground storage tank sites.

Date of Government Version: 11/04/2015

Source: Department of Natural Resources

Number of Days to Update: 32

Telephone: 515-281-6001

Last EDR Contact :04/15/2016

LIENS: Liens Filed Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of liens filed with the Iowa Comprehensive Petroleum Underground Storage Tank Fund.

Date of Government Version: 02/08/2016

Source: Department of Natural Resources

Number of Days to Update: 34

Telephone: 515-281-5523

Last EDR Contact :05/09/2016

LUST: Leaking Underground Storage Tank Data

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/07/2016

Source: Department of Natural Resources

Number of Days to Update: 45

Telephone: 515-281-6001

RECORD SOURCES AND CURRENCY

Last EDR Contact :06/03/2016

NPDES: List of NPDES Permittees

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The files listed below contain information on facilities that hold NPDES permits, or those that are authorized to discharge wastewater to surface waters in Iowa.

Date of Government Version: 01/04/2016

Source: Department of Natural Resources

Number of Days to Update: 27

Telephone: 515-281-4736

Last EDR Contact :05/20/2016

SHWS: Registry of Hazardous Waste or Hazardous Substance Disposal Sites

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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: 12/31/2015

Source: Department of Natural Resources

Number of Days to Update: 46

Telephone: 515-281-8801

Last EDR Contact :04/19/2016

SPILLS: Spills Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Spill reporting data that is collected during the initial report of an incident.

Date of Government Version: 03/07/2016

Source: Department of Natural Resources

Number of Days to Update: 55

Telephone: 515-281-4367

Last EDR Contact :06/08/2016

SWF/LF: Permitted Solid Waste Management Facilities

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

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: 03/07/2016

Source: Department of Natural Resources

Number of Days to Update: 55

Telephone: 515-281-8801

Last EDR Contact :06/08/2016

TIER 2: Tier 2 Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2015

Source: Department of Natural Resources

Number of Days to Update: 41

Telephone: 515-725-0302

Last EDR Contact :06/15/2016

RECORD SOURCES AND CURRENCY

UST: Underground Storage Tank Data

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

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

Date of Government Version: 03/07/2016

Source: Department of Natural Resources

Number of Days to Update: 45

Telephone: 515-281-6001

Last EDR Contact :06/03/2016

VCP: Land Recycling Program Sites

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

Sites currently enrolled in the Land Recycling Program.

Date of Government Version: 11/04/2015

Source: Department of Natural Resources

Number of Days to Update: 32

Telephone: 515-242-5818

Last EDR Contact :04/15/2016

LUST: Leaking Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

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: 01/04/2016

Source: Department of Environmental Quality

Number of Days to Update: 55

Telephone: 402-471-3557

Last EDR Contact :04/08/2016

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

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: 04/22/2013

Source: Environmental Protection Agency

Number of Days to Update: 6

Telephone: 703-308-4044

Last EDR Contact :05/12/2016

COAL ASH DOE: Steam-Electric Plant Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/31/2005

Source: Department of Energy

Number of Days to Update: 76

Telephone: 202-586-8719

Last EDR Contact :06/09/2016

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Number of Days to Update: 40	Telephone: Not Reported
Last EDR Contact :06/10/2016	

CONSENT: Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014	Source: Department of Justice, Consent Decree Library
Number of Days to Update: 46	Telephone: Varies
Last EDR Contact :03/24/2016	

CORRACTS: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list
Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2015	Source: EPA
Number of Days to Update: 34	Telephone: 800-424-9346
Last EDR Contact :03/30/2016	

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Number of Days to Update: 137	Telephone: 415-947-4219
Last EDR Contact :04/21/2016	

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Number of Days to Update: 42	Telephone: 202-366-4595
Last EDR Contact :05/04/2016	

Delisted NPL: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :04/05/2016

ECHO: Enforcement & Compliance History Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 09/20/2015

Source: Environmental Protection Agency

Number of Days to Update: 103

Telephone: 202-564-2280

Last EDR Contact :03/23/2016

EPA WATCH LIST: EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Source: Environmental Protection Agency

Number of Days to Update: 88

Telephone: 617-520-3000

Last EDR Contact :05/09/2016

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/28/2016

Source: National Response Center, United States Coast Guard

Number of Days to Update: 51

Telephone: 202-267-2180

Last EDR Contact :03/30/2016

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Source: FEMA

Number of Days to Update: 55

Telephone: 202-646-5797

Last EDR Contact :04/11/2016

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

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: 07/20/2015

Source: EPA

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :06/08/2016

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 04/09/2009

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :05/20/2016

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

Standard Environmental Record Source: Other Standard Environmental Records

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009

Source: EPA

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :05/20/2016

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015

Source: U.S. Army Corps of Engineers

Number of Days to Update: 97

Telephone: 202-528-4285

Last EDR Contact :06/10/2016

FUELS PROGRAM: EPA Fuels Program Registered Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2016

Source: EPA

Number of Days to Update: 86

Telephone: 800-385-6164

Last EDR Contact :05/25/2016

FUSRAP: Formerly Utilized Sites Remedial Action Program

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

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: 03/11/2016

Source: Department of Energy

Number of Days to Update: 80

Telephone: 202-586-3559

Last EDR Contact :05/09/2016

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015

Source: U.S. Department of Transportation

Number of Days to Update: 68

Telephone: 202-366-4555

Last EDR Contact :03/30/2016

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 01/23/2015

Source: Environmental Protection Agency

Number of Days to Update: 31

Telephone: 202-564-5088

Last EDR Contact :04/08/2016

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015

Source: EPA Region 1

Number of Days to Update: 67

Telephone: 617-918-1313

Last EDR Contact :04/29/2016

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

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

RECORD SOURCES AND CURRENCY

Date of Government Version: 01/07/2016
Number of Days to Update: 41
Last EDR Contact :04/29/2016

Source: EPA Region 10
Telephone: 206-553-2857

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016
Number of Days to Update: 35
Last EDR Contact :04/26/2016

Source: EPA Region 4
Telephone: 404-562-8677

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016
Number of Days to Update: 37
Last EDR Contact :04/27/2016

Source: EPA, Region 5
Telephone: 312-886-7439

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Number of Days to Update: 105
Last EDR Contact :04/29/2016

Source: EPA Region 6
Telephone: 214-665-6597

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Number of Days to Update: 112
Last EDR Contact :04/29/2016

Source: EPA Region 7
Telephone: 913-551-7003

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Number of Days to Update: 118
Last EDR Contact :04/27/2016

Source: EPA Region 8
Telephone: 303-312-6271

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016
Number of Days to Update: 37
Last EDR Contact :04/27/2016

Source: Environmental Protection Agency
Telephone: 415-972-3372

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Source: Environmental Protection Agency

Number of Days to Update: 52

Telephone: 703-308-8245

Last EDR Contact :04/27/2016

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015

Source: EPA, Region 1

Number of Days to Update: 67

Telephone: 617-918-1313

Last EDR Contact :04/29/2016

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 01/07/2016

Source: EPA Region 10

Number of Days to Update: 41

Telephone: 206-553-2857

Last EDR Contact :04/29/2016

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 02/05/2016

Source: EPA Region 4

Number of Days to Update: 35

Telephone: 404-562-9424

Last EDR Contact :04/26/2016

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 11/05/2015

Source: EPA Region 5

Number of Days to Update: 52

Telephone: 312-886-6136

Last EDR Contact :04/27/2016

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 12/03/2015

Source: EPA Region 6

Number of Days to Update: 120

Telephone: 214-665-7591

Last EDR Contact :04/29/2016

RECORD SOURCES AND CURRENCY

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 09/23/2014

Source: EPA Region 7

Number of Days to Update: 65

Telephone: 913-551-7003

Last EDR Contact :04/29/2016

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 01/26/2016

Source: EPA Region 8

Number of Days to Update: 119

Telephone: 303-312-6137

Last EDR Contact :04/29/2016

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 02/25/2016

Source: EPA Region 9

Number of Days to Update: 37

Telephone: 415-972-3368

Last EDR Contact :04/27/2016

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: Property

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015

Source: EPA, Region 1

Number of Days to Update: 142

Telephone: 617-918-1102

Last EDR Contact :04/01/2016

INDIAN VCP R7: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Number of Days to Update: 27

Telephone: 913-551-7365

Last EDR Contact :04/20/2009

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014

Source: Environmental Protection Agency

Number of Days to Update: 64

Telephone: 703-603-8787

Last EDR Contact :04/07/2016

RECORD SOURCES AND CURRENCY

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001

Source: American Journal of Public Health

Number of Days to Update: 36

Telephone: 703-305-6451

Last EDR Contact :12/02/2009

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

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

Date of Government Version: 02/18/2014

Source: Environmental Protection Agency

Number of Days to Update: 37

Telephone: 202-564-6023

Last EDR Contact :04/26/2016

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015

Source: Department of the Navy

Number of Days to Update: 13

Telephone: 843-820-7326

Last EDR Contact :05/16/2016

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 03/07/2016

Source: Nuclear Regulatory Commission

Number of Days to Update: 28

Telephone: 301-415-7169

Last EDR Contact :05/06/2016

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :04/05/2016

NPL Site Boundaries

RECORD SOURCES AND CURRENCY

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Source: EPA

Number of Days to Update: 56

Telephone: 202-564-4267

Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/01/2014

Source: EPA

Number of Days to Update: 33

Telephone: 202-566-0500

RECORD SOURCES AND CURRENCY

Last EDR Contact :04/12/2016

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011

Source: Environmental Protection Agency

Number of Days to Update: 83

Telephone: 202-566-0517

Last EDR Contact :04/26/2016

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: Not Reported

Last EDR Contact :04/05/2016

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 04/17/1995

Source: EPA

Number of Days to Update: 35

Telephone: 202-564-4104

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/07/2015

Source: Environmental Protection Agency

Number of Days to Update: 69

Telephone: 202-343-9775

Last EDR Contact :04/08/2016

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/09/2015

Source: Environmental Protection Agency

RECORD SOURCES AND CURRENCY

Number of Days to Update: 34
Last EDR Contact :03/30/2016

Telephone: 703-308-8895

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 12/09/2015
Number of Days to Update: 34
Last EDR Contact :03/30/2016

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 12/09/2015
Number of Days to Update: 34
Last EDR Contact :03/30/2016

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 12/09/2015
Number of Days to Update: 34
Last EDR Contact :03/30/2016

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list
Search Distance: 0.333 Mile

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: 12/09/2015
Number of Days to Update: 34
Last EDR Contact :03/30/2016

Source: Environmental Protection Agency
Telephone: 703-308-8895

ROD: Records Of Decision

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 11/25/2013

Source: EPA

Number of Days to Update: 74

Telephone: 703-416-0223

Last EDR Contact :06/07/2016

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011

Source: Environmental Protection Agency

Number of Days to Update: 54

Telephone: 615-532-8599

Last EDR Contact :05/20/2016

SEMS: Superfund Enterprise Management System

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: 800-424-9346

Last EDR Contact :04/05/2016

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 03/07/2016

Source: EPA

Number of Days to Update: 10

Telephone: 800-424-9346

Last EDR Contact :04/05/2016

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Number of Days to Update: 77
Last EDR Contact :04/25/2016

Source: EPA
Telephone: 202-564-4203

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 12/31/2014
Number of Days to Update: 133
Last EDR Contact :05/24/2016

Source: EPA
Telephone: 202-566-0250

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 12/31/2012
Number of Days to Update: 14
Last EDR Contact :03/24/2016

Source: EPA
Telephone: 202-260-5521

UMTRA: Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Number of Days to Update: 146
Last EDR Contact :05/23/2016

Source: Department of Energy
Telephone: 505-845-0011

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

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 10/20/2015
Number of Days to Update: 69
Last EDR Contact :03/24/2016

Source: EPA
Telephone: 202-564-2496

US AIRS MINOR: Air Facility System Data

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 10/20/2015

Source: EPA

Number of Days to Update: 69

Telephone: 202-564-2496

Last EDR Contact :03/24/2016

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 12/22/2015

Source: Environmental Protection Agency

Number of Days to Update: 57

Telephone: 202-566-2777

Last EDR Contact :03/22/2016

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/18/2016

Source: Drug Enforcement Administration

Number of Days to Update: 88

Telephone: 202-307-1000

Last EDR Contact :05/31/2016

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 09/10/2015

Source: Environmental Protection Agency

Number of Days to Update: 53

Telephone: 703-603-0695

Last EDR Contact :05/25/2016

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 09/01/2015

Source: Environmental Protection Agency

Number of Days to Update: 61

Telephone: 202-566-1917

RECORD SOURCES AND CURRENCY

Last EDR Contact :05/18/2016

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/18/2016

Source: Drug Enforcement Administration

Number of Days to Update: 88

Telephone: 202-307-1000

Last EDR Contact :03/01/2016

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 09/10/2015

Source: Environmental Protection Agency

Number of Days to Update: 53

Telephone: 703-603-0695

Last EDR Contact :05/25/2016

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 02/09/2016

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 44

Telephone: 303-231-5959

Last EDR Contact :06/02/2016

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :04/15/2016

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

Last EDR Contact :04/15/2016

PWS: Public Water System Data

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 12/17/2013

Source: EPA

Number of Days to Update: 279

Telephone: Not Reported

Last EDR Contact :05/31/2016

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGH HWS: Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

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 Iowa.

Date of Government Version: Not Reported

Source: Department of Natural Resources

Number of Days to Update: 186

Telephone: Not Reported

Last EDR Contact :06/01/2012

RGH LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

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 Iowa.

Date of Government Version: Not Reported

Source: Department of Natural Resources

Number of Days to Update: 178

Telephone: Not Reported

Last EDR Contact :06/01/2012

EDR Hist Auto: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.125 Mile

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.125 Mile

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: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

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: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :11/30/2012

RECORD SOURCES AND CURRENCY

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® 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

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.

STREET AND ADDRESS INFORMATION

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APPENDIX F
HISTORICAL USE DOCUMENTATION

APPENDIX F-1

HISTORICAL PROPERTY OWNERSHIP

Clear Title & Abstract, LLC

535 W Broadway Ste 203

Council Bluffs, IA 51503

Phone 712-328-1017

Invoice

File Number	Date	Customer		
20161813	07/19/2016			
Branch	Sales Rep	Sales Price	Buyer	
Clear Title & Abstract, LLC		Omaha Tribe of Nebraska		
Property Address	Seller			
1302 Locust St., Carter Lake, Iowa				
Property Type	Property County	Loan Amount	Lender	
Pottawattamie				
Description	HUD Ref	Buyer Amount	Seller Amount	Line Amount
1100 - Title Charges				
Title Search and copies	1103	\$195.00	\$0.00	\$195.00
Total 1100 - Title Charges		\$195.00	\$0.00	\$195.00
Totals:		\$195.00	\$0.00	\$195.00

Brief Legal: Property Address

1302 Locust St. Carter Lake, Iowa 51510



ABSTRACT GUARANTY COMPANY

CLEAR TITLE & ABSTRACT, LLC

535 W. Broadway, Suite 203 Council Bluffs, Iowa 51503

PHONE (712) 328-1017 FAX (712) 328-2128

www.cleartitlellc.com

REPORT OF TITLE

BY REQUEST we furnish the following information of record in the Pottawattamie County Courthouse in Council Bluffs, Iowa:-

Last recorded deed conveys the hereinafter described real estate to:-

THE OMAHA TRIBE OF NEBRASKA, A FEDERALLY RECOGNIZED INDIAN TRIBE

SEE LEGAL DESCRIPTION ATTACHED

WARRANTY DEED:- Charles E. Lakin and Florence Lakin, husband and wife to The Omaha Tribe of Nebraska, a Federally recognized Indian Tribe, dated July 15, 1998, filed November 6, 1998 at **Book 99, Page 25798.**

WE ALSO furnish the following information of record:-

AN ORDINANCE:- Passed and Approved March 4, 1935, filed March 25, 1935 at **Book 802, Page 465.** An Ordinance to narrow Locust Street in Carter Lake, Iowa by the vacation of a strip of said street 10 feet in width off each side thereof for the full distance of said street, so as to leave a width of 40 feet on each side of the center of said street.

WARRANTY DEED:- Wilson E. Mabrey (Single) to Airport Plaza, Inc., dated September 14, 1973, filed September 17, 1973 at **Book 73, Page 16143.**

SHERIFF'S DEED:- Sheriff of Pottawattamie County, Iowa to Mills County Savings and Loan Association, dated May 1, 1978, filed May 2, 1978 at **Book 78, Page 21419.**

NOTICE OF INTEREST IN REAL ESTATE:- Mills County Savings and Loan Association "Seller" to Charles E. Lakin "Purchaser", dated August 28, 1980, filed September 10, 1980 at **Book 81, Page 3865.**

AGREEMENT AND PLAN OF MERGER:- Western Federal Savings and Loan Association and Mills County Savings and Loan Association, dated March 1, 1983, filed August 4, 1987 at **Book 88, Page 2858.**

WARRANTY DEED:- Western Federal Savings and Loan Association to Charles E. Lakin, dated July 31, 1987, filed September 22, 1987 at **Book 88, Page 6876.**

QUITCLAIM DEED:- The Iowa Department of Transportation, acting for the State of Iowa to Carter Lake, Iowa, dated March 6, 1989, filed March 8, 1989 at **Book 89, Page 18074.** The State of Iowa Quit Claims 1.08 miles of Locust Street unto the City of Carter Lake.

REPORT OF TITLE
(continued)

Page 2

SUBJECT to the Urban Renewal Plan for the Carter Lake Urban Renewal Area,
Passed and Approved June 17, 1997, filed June 27, 1997 at **Book 97, Page 48463.**

JUDGMENTS:- SEARCHED AS TO:- **THE OMAHA TRIBE OF NEBRASKA, A
FEDERALLY RECOGNIZED INDIAN TRIBE**

AND FIND:- IN DISTRICT COURT, Pottawattamie County, Iowa,
Transcript of Judgment #79689 entered November 20, 2000 from US
District Court of Nebraska 8:96CV202. Judgment against Omaha Tribe of
Nebraska in the amount of \$6,384,435.00, plus costs.

TAXES:- GENERAL TAXES for the year 2013 and prior years, paid.
GENERAL TAXES for the year 2014, \$2,804.00, paid.
P-754421176001 (INACTIVE)

UNPAID SPECIAL ASSESSMENTS in Office of County Treasurer:

Waste Removal Special - \$1,150.00, DUE
Snow Removal Special - \$ 853.00, DUE
Weed Special - \$ 862.00, DUE

GENERAL TAXES for the year 2013 and prior years, paid.
GENERAL TAXES for the year 2014, \$6,754.00, paid.
P-754421176002 (INACTIVE)

GENERAL TAXES for the year 2013 and prior years, paid.
GENERAL TAXES for the year 2014, \$4,210.00, paid.
P-754421176003 (INACTIVE)

NOT ASSESSED FOR 2014
P-754421176006 (COMBINED)

THERE ARE NEW REQUIREMENTS BY THE STATE OF IOWA FOR SALE
TRANSACTIONS OF REAL PROPERTY THAT INCLUDES A BUILDING
SERVED BY A PRIVATE SEWAGE DISPOSAL SYSTEM. BEFORE A
DEED DATED ON OR AFTER JULY 1, 2009 CAN BE RECORDED, IT
MUST BE ACCOMPANIED BY A CERTIFIED INSPECTORS REPORT
DOCUMENTING THE CONDITION OF THE SEPTIC SYSTEM. FOR
FURTHER DETAILS PLEASE REFER TO "TIME OF TRANSFER"
REQUIREMENTS OF 2008 IOWA ACTS CHAPTER 1033 (AS AMENDED
BY 2009 SENATE FILE 467).

WE DO NOT CERTIFY TO UNPAID FEES FOR SERVICES FOR
SEWER SYSTEMS, STORM WATER DRAINAGE SYSTEMS, SEWAGE
TREATMENT, SOLID WASTE COLLECTION, WATER, AND SOLID
WASTE DISPOSAL, WHICH HAVE BEEN CERTIFIED TO THE
COUNTY TREASURER FOR COLLECTION UNLESS THESE CHARGES
HAVE BEEN ENTERED ON THE TAX RECORDS.

INASMUCH as the office of the County Treasurer
indexes Buildings on Leased Land and assessments for
Machinery and Equipment in such a manner it is
impossible to determine if there are any which would
attach to the real estate under examination, we do
not certify to such assessments.

ESTATES OR OTHER PROCEEDINGS AFFECTING TITLE TO THE ABOVE:- NONE

REPORT OF TITLE
(continued)

Page 3

NO SEARCH made for Bankruptcies filed subsequent to 1 October, 1979. Your attention is directed to the Bankruptcy Clerk of Federal Court, Des Moines, Iowa where said matters are now filed of record.

LIFE ESTATES OR OTHER RESERVATIONS BY WILL OR CONVEYANCE:- NONE

THIS REPORT is not a guaranty of title, nor a statement as to the legality or sufficiency of any instrument or proceeding in the chain of title to said real estate and having been requested to furnish answers to the above, we direct your attention to the possibility for other information which might affect the title; also the Forty Year Marketable Title Act of the State of Iowa sets forth requirements for abstracts of title other than those commencing either with the platting of an Addition or the United States Patent.

DATED at Council Bluffs, Pottawattamie County, Iowa, this 14th day of July, 2016 at 8:00 A.M.

ABSTRACT GUARANTY COMPANY



By _____
20161813-1er
ITG#8146

LEGAL DESCRIPTION

Lot 9 in Auditor's Subdivision of Section 21 and Accretions in Township 75, Range 44 in the Incorporated Town of Carter Lake, Iowa, EXCEPT a tract of land lying in Lot 9, Auditor's Subdivision of the SE¼ NW¼ of Section 21, Township 75, Range 44, Pottawattamie County, Iowa, being more particularly described as follows:

Beginning at the Southeasterly corner of Lot 9, Auditor's Subdivision of the SE¼ NW¼ of Section 21, Township 75, Range 44, thence N 90° 00' 00" W on and along the South line of said Lot 9, a distance of 200.00 feet; thence N 00° 00' 00" E, a distance of 217.66 feet; thence S 90° 00' 00" E, a distance of 300.19 feet to the Easterly line of said Lot 9 and Iowa-Nebraska Boundary Line; thence S 24° 43' 00" W on and along said line a distance of 239.61 feet to the point of beginning.

EXCEPT

A tract of land lying in Lot 9, Auditor's Subdivision in the SE¼ NW¼ of Section 21, Township 75, Range 44, Pottawattamie County, Iowa being more particularly described as follows:

Commencing at the Southeast corner of Lot 9; thence N 24° 43' 00" E, along the Easterly line of Lot 9 and the Iowa and Nebraska State Line, a distance of 239.61 feet to a point 217.66 feet North of the South line of Lot 9; thence N 90° 00' 00" W, along a line 217.66 feet North of and parallel to the South line of said Lot 9, a distance of 300.19 feet; thence N 00° 00' 00" E and perpendicular to the South line of Lot 9, a distance of 371.67 feet, to a point of intersection with the South right-of-way line of existing 60 foot wide Avenue K; thence N 89° 54' 51" E, along the South right-of-way line of said existing 60 foot wide Avenue K, a distance of 471.60 feet, to a point of intersection with the Easterly line of Lot 9 and the Iowa and Nebraska State Line; thence S 24° 43' 00" W, along the Easterly line of said Lot 9 and the Iowa and Nebraska State Line, a distance of 409.94 feet to the point of beginning.

AND EXCEPT

A tract of land lying in Lot 9, Auditor's Subdivision of the SE¼ NW¼ of Section 21, Township 75, Range 44, Pottawattamie County, Iowa, more particularly described as follows:

Commencing at the Southeasterly corner of Lot 9, Auditor's Subdivision of the SE¼ NW¼ of Section 21; thence N 90° 00' 00" W along the South line of Lot 9 a distance of 200.0 feet to the Point of Beginning; thence continuing N 90° 00' 00" W a distance of 60.0 feet; thence N 00° 00' 00" E a distance of 290.0 feet; thence S 90° 00' 00" E a distance of 60.0 feet; thence S 00° 00' 00" W a distance of 290.0 feet to the Point of Beginning.

INST # 8503
RECORDING FEE 10⁰⁰
AUDITOR FEE 5⁰⁰
RMA FEE 1⁰⁰FILED FOR RECORD
POTTAWATTAMIE CO. IA.

98 NOV -6 AM 10:31

JOHN SCIORTINO
RECORDER

COMPARED

Preparer Information Charles E. Lakin, 8990 W. Dodge Road, Suite 225, Omaha, NE 68114 (402) 393-5550
Individual's Name Street Address City PhoneSPACE ABOVE THIS LINE
FOR RECORDER

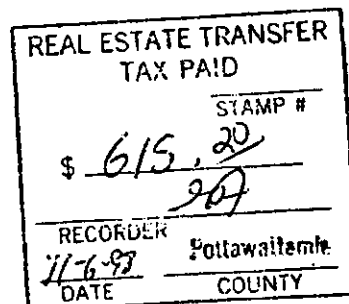
WARRANTY DEED

For the consideration of One and no/100 (\$1.00)
Dollar(s) and other valuable consideration,
CHARLES E. LAKIN and FLORENCE LAKIN, husband and wife

do hereby Convey to

The Omaha Tribe of Nebraska, a Federally recognized Indian Tribethe following described real estate in Pottawattamie County, Iowa:

See Legal Description Attached Hereto as Exhibit "A"



NOV 17 1998

Entered for Taxation

Marilyn Jo Drake, COUNTY AUDITOR

Grantors do Hereby Covenant with grantees, and successors in interest, that grantors hold the real estate by title in fee simple; that they have good and lawful authority to sell and convey the real estate; that the real estate is Free and Clear of all Liens and Encumbrances except as may be above stated; and grantors Covenant to Warrant and Defend the real estate against the lawful claims of all persons except as may be above stated. Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the real estate.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine or feminine gender, according to the context.

STATE OF Nebraska,
Douglas COUNTY,

ss:

On this 15 day of July,
19 98, before me, the undersigned, a Notary
Public in and for said State, personally appeared
Charles E. Lakin and Florence
Lakin, husband and wifeDated: July 15, 1998Charles E. Lakin
Charles E. Lakin (Grantor)Florence Lakin
Florence Lakin (Grantor)

(Grantor)

(Grantor)

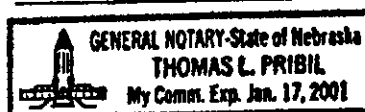
to me known to be the identical persons named in
and who executed the foregoing instrument and
acknowledged that they executed the same as their
voluntary act and deed.

Thomas L. Pribil

Thomas L. Pribil

Notary Public

(This form of acknowledgment for individual grantor(s) only)



LEGAL DESCRIPTION

COMPARED

Lot 9 in Auditor's Subdivision of Section 21 and Accretions in Township 75, Range 44 in the Incorporated Town of Carter Lake, Iowa, except a tract of land lying in Lot 9, Auditor's Subdivision of the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21, Township 75, Range 44, Pottawattamie County, Iowa, being more particularly described as follows:

Beginning at the Southeasterly corner of Lot 9, Auditor's Subdivision of the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21, Township 75, Range 44, thence N90°00'00"W on and along the South line of said Lot 9, a distance of 200.00 feet; thence N00°00'00"E, a distance of 217.66 feet; thence S90°00'00"E, a distance of 300.19 feet to the Easterly line of said Lot 9 and Iowa-Nebraska Boundary Line thence S24°43'00"W on and along said line a distance of 239.61 feet to the point of beginning.

EXCEPT

A tract of land lying in Lot 9, Auditor's Subdivision in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21, Township 75 North, Range 44 West of the 5th P.M., Pottawattamie County, Iowa being more particularly described as follows:

Commencing at the Southeast corner of Lot 9; thence N24°43'00"E, along the Easterly line of Lot 9 and the Iowa and Nebraska State Line, a distance of 239.61 feet to a point 217.66 feet North of the South line of Lot 9; thence N90°00'00"W, along a line 217.66 feet North of and parallel to the South line of said Lot 9, a distance of 300.19 feet; thence N00°00'00"E and perpendicular to the South line of Lot 9, a distance of 371.67 feet, to a point of intersection with the South right-of-way line of existing 60 foot wide Avenue K; thence N89°54'51"E, along the South right-of-way line of said existing 60 foot wide Avenue K, a distance of 471.60 feet, to a point of intersection with the Easterly line of Lot 9 and the Iowa and Nebraska State Line; thence S24°43'00"W, along the Easterly line of said Lot 9 and the Iowa and Nebraska State Line, a distance of 409.94 feet to the point of beginning.

AND EXCEPT

A TRACT OF LAND LYING IN LOT 9, AUDITOR'S SUBDIVISION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 21, TOWNSHIP 75 NORTH, RANGE 44 WEST OF THE 5TH P.M., POTTAWATTAMIE COUNTY, IOWA, CONTAINING 17,400 SQUARE FEET OR 0.04 ACRES MORE OR LESS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEASTERLY CORNER OF LOT 9, AUDITOR'S SUBDIVISION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 21; THENCE NORTH 90° 00' 00" WEST ALONG THE SOUTH LINE OF LOT 9 A DISTANCE OF 200.0 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 90° 00' 00" WEST A DISTANCE OF 60.0 FEET; THENCE NORTH 00° 00' 00" EAST A DISTANCE OF 290.0 FEET; THENCE SOUTH 90° 00' 00" EAST A DISTANCE OF 60.0 FEET; THENCE SOUTH 00° 00' 00" WEST A DISTANCE OF 290.0 FEET TO THE POINT OF BEGINNING.

EXHIBIT "A"

99-25799



WARRANTY DEED

10176

Recording Fee \$ 2.50
Transfer Fee \$ 1.00

Know All Men by These Presents: That Wilson E. Mabrey (Single)

in consideration*
of the sum of One Hundred and Eighty Thousand Dollars
in hand paid do hereby Convey unto Airport Plaza, Inc.

Grantees' Address: 4142 South 89th Street, Omaha, Nebraska
the following described real estate, situated in Pottawattamie County, Iowa, to-wit:

All of Lot Nine (9) in Auditor's Subdivision
of Section 21 and accretions in Township 75,
Range 44, in the Incorporated Town of Carter Lake,
Iowa.

STATE OF IOWA, Pottawattamie County
Filed for record the 17 day of September
19 73 at 11:45 clock AM and recorded
in book 73 page 16143

Dorothy Loney
Recorder
Wilson Larson
Deputy



And the grantors do Hereby Covenant with the said grantees, and successors in interest, that said grantors hold said real estate by title in fee simple; that they have good and lawful authority to sell and convey the same; that said premises are Free and Clear of all Liens and Encumbrances Whatsoever except as may be above stated; and said grantors Covenant to Warrant and Defend the said premises against the lawful claims of all persons whomsoever, except as may be above stated.

Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the described premises.

Words and phrases herein including acknowledgment hereof shall be construed as in the singular or plural number, and as masculine or feminine gender, according to the context.

Signed this 14th day of September, 1973

* Real Estate Transfer Tax: See Chapter 1106, Iowa Code, Second Regular Session 1972.

STATE OF IOWA, }
COUNTY OF Polk } ss.

Wilson E. Mabrey
Wilson E. Mabrey

On this 14th day of September, 1973 before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Wilson E. Mabrey

1301 Walker

Carter Lake, Iowa

(Grantor's address)

I do hereby certify that the person named in and who executed the foregoing instrument, and acknowledged that they executed the same as their voluntary act and deed.

Donald J. Brown
Notary Public in and for the State of Iowa

73 16143

197.45

COMPARED

12023

SHERIFF'S DEED

This Indenture,Made the 1st day of May 1978, by andbetween Lynn G. Ford, Sheriff of Pottawattamie County, Iowa, party of the first part, and
Mills County Savings and Loan Association

party of the second part, witnesseth:

That, whereas, by virtue of a Special execution directed to the then acting Sheriff of Pottawattamie County, Iowa, dated the 25th day of March A. D. 1977, and issued out of the Clerk's office of the District Court of the State of Iowa, in and for Pottawattamie County, under the seal of said Court, upon a judgment rendered in said District Court, in favor of Mills County Savings and Loan Association

and, against Airport Plaza Inc. etal
for the sum of Four Hundred Twenty-seven Thousand, Six Hundred Eighty and no/100 Dollars, \$ 427,680.00
debt, together with costs, interest and accruing costs, the said Sheriff, as aforesaid, did levy on the real estate hereinafter described, as the property of said defendant, to satisfy the said execution, and whereas, the said Sheriff, as aforesaid, after the levy upon the within described real estate, gave four week's notice of the time and place of selling the same under said execution, by posting up written notices thereof at three public places in said Pottawattamie County, one of which was at the front door of the court house in Council Bluffs, where the last District Court was held, and by causing two publications of said notice to be made in the Nonpareil, a newspaper published and printed at Council Bluffs, in said county, before the day of sale.

AND, WHEREAS, the said Sheriff aforesaid, in pursuance of the notice of said aforesaid, in conformity to law, and by virtue of said execution, did, on the 28th day of April A. D. 1977, at the hour of 10 o'clock A. M., at the east front door of the court house in Council Bluffs, Iowa, expose and offer for sale at public auction the real estate hereinafter described, and did then and there sell the same at public auction to Mills County Savings and Loan Association

for the sum of Four Hundred Ninety Thousand Seven Hundred Seventy-three & 88/100 DOLLARS, (\$ 490,773.88)
he being the highest and best bidder therefor. Whereupon the said Sheriff, after receiving the said sum of money from the said purchaser, made and delivered to him a certificate of sale as directed by law, said sale being recorded in Book 19, Page 28, and being Case No. 148, Docket No. 45849, Page No. 45849, and, whereas, the time allowed by law for redeeming said real estate having expired without any redemption thereof having been made:

NOW, THEREFORE, This Indenture Witnesseth, That in consideration of the premises, and of the said sum so bid and paid as aforesaid, the receipt whereof is hereby acknowledged, I, the said Sheriff as aforesaid, party of the first part, do hereby sell and convey unto the said party of the second part, his heirs and assigns forever, the following described real estate, situated in County of Pottawattamie and State of Iowa, (being the same real estate hereinbefore referred to, to-wit):

✓ All of Lot 9, in Auditor's Subdivision of Section 21, and accretions, in Township 75, Range 44 in the Incorporated Town of Carter Lake, Pottawattamie County, Iowa

Filed for record, Indexed, and delivered to the county auditor this 28th day of April A. D. 1978, at Council Bluffs, Iowa, recorded in Book 19, Page 28, and being Case No. 148, Docket No. 45849, Page No. 45849, and, whereas, the time allowed by law for redeeming said real estate having expired without any redemption thereof having been made:

DOROTHY LEWIS, County Recorder

TO HAVE AND TO HOLD the said real estate with all the appurtenances thereto belonging to the said second party, his heirs and assigns forever, as fully and absolutely as the said party of the first part, by virtue of the premises, might and could sell and convey the same.

IN WITNESS WHEREOF, the said party of the first part has hereunto set his official signature on the date set out above.

LYNN G. FORD Sheriff of Pottawattamie County, Iowa.

STATE OF IOWA, Pottawattamie County.

On this 1st day of May A. D. 1978 before me, Notary Public in and

for said County and State, personally appeared Lynn G. Ford
to me personally known to be the identical person whose name is affixed to the foregoing Deed as grantor, and who to me personally known to be the Sheriff of said Pottawattamie County, Iowa, and acknowledged the foregoing instrument to be his voluntary act and deed as Sheriff aforesaid, and for the purpose therein set forth. Given under my hand and seal of office. Done at Council Bluffs, Iowa, the day and year above written.

Joyce M. Sanders

Notary Public.

Entered for taxation

MAY 2 1978

County Auditor

78 21419

2325, *Jul 302* **COMPARED**
TO THE PUBLIC
NOTICE OF INTEREST IN REAL ESTATE

STATE OF IOWA, Pottawattamie County
Filed for record on 10 day of August
1980 at 8 o'clock PM
In book 81 page 3865
W. Larson
Recorder

You are hereby notified that the undersigned, Charles E. Lakin, has a purchaser's interest in and to the following described real estate, to wit:

All of Lot 9, in Auditor's Subdivision of Section 21, and Accretions in Township 75, Range 44 in Incorporated Town of Carter Lake, Pottawattamie County, Iowa; together with all easements and servient estates appurtenant thereto.

Dated this 28 day of August, 1980.

SELLER: Mills County Savings and Loan Association

By *Patrick J. Ross*, SECRETARY - TREASURER

PURCHASER: *Charles E. Lakin*
Charles E. Lakin

STATE OF Iowa)
COUNTY OF Mills) ss.

On this 28 day of August, 1980, before me, the undersigned, a Notary Public, in and for said County, in said State, personally came Charles E. Lakin, to me known to be the identical person whose name is subscribed to the foregoing instrument, and acknowledged the execution thereof to be his voluntary act and deed.

WITNESS my hand and Notarial Seal the day and year first above written.

James A. Thomas
Notary Public

My Commission Expires: Sept 1, 1984

STATE OF Iowa)
COUNTY OF Mills) ss.

On this 28 day of August, 1980, before me, the undersigned, a Notary Public, in and for said County, in said State, personally came Patrick J. Ross, Secretary of Mills County

Saving & Loan
to me known to be the identical person whose name is subscribed to the foregoing instrument, and acknowledged the execution thereof to be his voluntary act and deed.

WITNESS my hand and Notarial Seal the day and year first above written.

James A. Thomas
Notary Public

My Commission Expires: Sept 1, 1984

Fee 45⁰⁰ 1407

STATE OF IOWA
Filed for recording this 4 day of Aug
1983 at 10:30 A.M. and recorded
in book 88 Page 2858

John Sciarino
Recorder

COMPARED

AGREEMENT AND PLAN OF MERGER

THIS AGREEMENT AND PLAN OF MERGER is made this 1st day of March, 1983 by and between Western Federal Savings and Loan Association, Council Bluffs, Iowa (Resulting Association and hereafter referred to as "Western Federal") and Mills County Savings and Loan Association, Glenwood, Iowa (Merging Association and hereafter referred to as "Mills County") both being incorporated under the laws of the United States of America and the State of Iowa respectively.

WITNESSETH:

WHEREAS, the Board of Directors of Western Federal and Mills County have adopted this Plan of Merger providing for the merger of Mills County with and into Western Federal on the terms set forth herein (the "Merger"); and

WHEREAS, the Board of Directors of each association believes that the merger will be in the best interests of the merging associations, their members and the communities served by the several offices of each association;

NOW, THEREFORE, in consideration of the premises, the mutual covenants and agreements hereof and good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

ARTICLE I

PLAN OF MERGER

1.1 MERGING ASSOCIATION

Mills County shall merge with and into Western Federal pursuant to the Rules and Regulations for the Federal Savings and Loan System and the State of Iowa with Western Federal to be the resulting association (the "Resulting Association"). The charter and bylaws of Western Federal shall be the charter and bylaws of the Resulting Association.

1.2 EFFECTIVE DATE OF THE MERGER

This Merger Agreement shall not become effective unless and until approved by the State of Iowa and the Federal Home Loan Bank Board (FHLBB). In the event that the State of Iowa or the Federal Home Loan

COMPARED

-2-

Bank Board does not approve this Merger Agreement, then this agreement shall be null and void and of no effect. The effective date of this Merger Agreement shall be the first day of the calendar quarter beginning subsequent to the date on which the State of Iowa and the Federal Home Loan Bank Board have given approval to this Merger Agreement.

1.3 CERTIFICATION OF MERGER

Certified copies of the order of the State of Iowa and the Federal Home Loan Bank Board approving this merger agreement shall be filed or recorded in each county or state in which the Articles of Incorporation of each of the merged associations was filed or recorded.

1.4 NAME OF THE RESULTING ASSOCIATION

The name of the Resulting Association shall be Western Federal Savings and Loan Association of Council Bluffs, Iowa.

1.5 HOME OFFICE

The home office of the Resulting Association shall be located at 20 Pearl Street, Council Bluffs, Iowa 51501.

1.6 BRANCH OFFICES

The branch offices of the Resulting Association shall be located at the current branch locations of Western Federal and at the home office location of Mills County.

1.7 SAVINGS ACCOUNTS AND CAPITAL

The manner of converting savings accounts and capital of the Merging Association into that of the Resulting Association shall be as follows:

(a) The officers of the Resulting Association shall issue to the holders of savings accounts of the Merging Association, with passbooks or other evidence of ownership showing the same net credits thereon, as the net credit balances to which members of the Merging Association are entitled, as shown by the account books of the Merging Association, as of the effective date of the merger.

(b) The officers of the Resulting Association shall use the same books, forms, and records as those now used by the Resulting Association, to show the status of the mortgage loan accounts of the borrowing members of the Merging Association.

COMPARED

-3-

1.8 BOARD OF DIRECTORS

The Board of Directors of the Resulting Association shall be comprised of the present Board of Directors of Western Federal plus one additional member from the Board of Directors of Mills County. There shall be no advisory board.

The names and residences of the directors are as follows:

<u>NAME</u>	<u>RESIDENCE ADDRESS</u>
Kenneth E. Nickerson	16 Crestwood Drive Council Bluffs, Iowa 51501
Evelyn C. Spencer	708 Lori Lane Council Bluffs, Iowa 51501
Robert W. Knox	10 South 8th Street Council Bluffs, Iowa 51501
Ralph C. Hennings	3546 Avenue B Council Bluffs, Iowa 51501
Richard W. Peterson	317 Burr Oak Road Council Bluffs, Iowa 51501 RFD 2, Box 13, Glenwood, Iowa 51534
James A. Thomas *	

(Additional Board Member chosen according to the terms of Paragraph 1.8 above)

1.9 EMPLOYMENT AND BENEFITS

Patrick T. Ross, currently Secretary and Treasurer of Mills County, will be a Vice President and shall be eligible for and participate in all insurance and pension plans and other fringe benefits of the Resulting Association with no change in salary.

All other officers and employees of Mills County shall be entitled to become employees of the Resulting Association, if they so desire, in a position similar to, and at the same salary and terms of employment, as they enjoyed with Mills County.

1.10 TRANSFER OF ASSETS UPON MERGER

Upon the Merger Date, the separate legal existence of Mills County shall cease and Mills County shall be merged into Western Federal. At such time the corporate charter of Mills County shall be surrendered to the State of Iowa for cancellation. Upon the Merger Date, all of the assets and property of every kind or character, real, personal,

COMPARED

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and mixed, tangible and intangible, choses in action, rights and credits then owned by Mills County or which would inure to it, shall immediately by operation of law and without any conveyance or transfer, and without any further act or deed, be vested in and become the property of the Resulting Association, which shall have, hold, and enjoy the same in its own right as fully and to the same extent as the same were possessed, held and enjoyed by Mills County prior to the Merger, and the Resulting Association shall be deemed to be and shall be a continuation of the entity and identity of Western Federal.

All of the rights and obligations of Mills County shall remain unimpaired and the Resulting Association, on the Merger Date, shall succeed to all of such rights and obligations and the duties and liabilities connected therewith.

It is the purpose and intent of this agreement, as herein set forth, to provide for the merger of the Merging Association with the Resulting Association, but it is also the express purpose and intent of this agreement that the corporate status of Western Federal and its property rights, shall in no way be altered or affected thereby. All rights and remedies of creditors, and all liens upon the property of the merged associations, shall be preserved unimpaired, and all debts, liabilities and duties of the respective merged associations shall thenceforth attach to the Resulting Association, and may be enforced against it to the same extent as if such debts, liabilities and duties had been incurred or contracted by it. Upon such merger, all property rights formerly held by Mills County shall be, and shall continue to be, fully and automatically vested in said Western Federal, and all property rights formerly held by said Western Federal shall continue to be vested in it, as hereinbefore stated.

CONFIDENTIAL

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ARTICLE II

MUTUAL REPRESENTATIONS, WARRANTIES AND COVENANTS

2.1 SPECIFIC REPRESENTATIONS AND WARRANTIES

Each party represents, warrants and covenants that, as the context of this Agreement requires:

(a) Western Federal is a Federal savings and loan association duly chartered and validly existing under the laws of the United States of America with all necessary power and authority to own or lease its properties, and to conduct its operations, and to carry on its business as now being conducted. It has heretofore delivered to Mills County complete and correct copies of its Charter and Bylaws as amended to the date hereof.

(b) Mills County is a state savings and loan association duly chartered and validly existing under the laws of the State of Iowa with all necessary power and authority to own or lease its properties, and to conduct its operations, and to carry on its business as now being conducted. It has heretofore delivered to Western Federal complete and correct copies of its Charter and Bylaws as amended to the date hereof.

(c) Western Federal and Mills County are members of the Federal Home Loan Bank ("FHLB") of Des Moines and both are insured institutions within the meaning of Section 401 of the National Housing Act, as amended.

(d) All of the transactions contemplated hereby have been or will be duly and validly authorized by all necessary corporate action by each association. Subject to receipt of necessary regulatory approvals, neither the execution of this Agreement, the consummation of the transactions contemplated hereby, the performance of any obligations hereunder, nor compliance by either association with any of the provisions hereof, will (i) conflict with or result in a breach or default or cause acceleration under any of the terms, conditions, or provisions of any note, bond, mortgage, indenture, license, agreement, or other instrument or obligation (including, without limitation, the charter or bylaws) to

which either association is a party or by which it or any of its properties or assets may be bound, (ii) violate any order, writ, injunction, decree, statute, rule or regulation applicable to either association, its properties or encumbrance under any note, bond, mortgage, indenture, license or other instrument or order binding upon either association or any of its subsidiaries.

(e) To the best of the knowledge of their respective Principal Executive Officers, each association and its subsidiaries has complied with all laws, regulations and orders (including zoning ordinances) applicable to the operation of its business where the failure to so comply might have a materially adverse effect.

(f) No representation or covenant of either association in this Agreement or any certificate or other document furnished or to be furnished by either association pursuant to this Agreement contains or will contain any untrue statement of a material fact, or omits, or will omit, to state a material fact necessary to make the statements contained therein not misleading. Neither of the Principal Executive Officers of either association has knowledge of any act, event or circumstance which has occurred or is presently threatened which might have a materially adverse effect upon their respective associations except for acts, events and circumstances which would have substantially similar effects on the savings and loan industry generally.

ARTICLE III

CONDUCT UNTIL MERGER AND MUTUAL AGREEMENTS

From the date of this Agreement to the effective date of the Merger:

3.1 CONDUCT IN ORDINARY COURSE OF BUSINESS

Each association shall continue to conduct its business in the ordinary and usual course.

3.2 Applications

Mills County shall provide Western Federal with all necessary information to be included in any and all applications to be filed with the FHLBB and other regulatory or governmental authorities.

Promptly after the execution of this Agreement, Western Federal will prepare and file with the FHLBB an application for approval of the proposed Merger.

COMPARED

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ARTICLE IV.

MUTUAL CONDITIONS AND OBLIGATIONS

4.1 CONDITIONS PRECEDENT

The obligations of each association to consummate the transactions contemplated by this Agreement shall be subject to the following conditions:

(a) There shall not be in force on the effective date of the Merger any order or decree restraining or enjoining the consummation of the Merger.

(b) All governmental and regulatory approvals required in connection with the matters contemplated by this Agreement shall have been obtained.

(c) The representations, warranties, and covenants of each association set forth in Article II hereof shall be correct in all material respects both on the date of this Agreement and on the effective date of the Merger as if made again at and as of such time, subject to any transactions which may have taken place after the date of this Agreement contemplated or permitted by this Agreement.

(d) Each association shall have performed the agreements which are required hereunder to be performed by it at or prior to the effective date of the merger.

(e) All corporate and other proceedings to be taken by either association in connection with the Merger contemplated hereby and all actions, proceedings, instruments and documents taken or executed by either association required to carry out this Agreement or incidental hereto or thereto shall be satisfactory in form and substance to counsel for the other association to the extent requested by the other association.

ARTICLE V

SPECIAL PROVISIONS

5.1 REGULATORY FOREBEARANCE

This Agreement is subject to obtaining approval of appropriate regulatory authorities and the Federal Home Loan Bank Board (FHLBB) and forbearance by them relating to net worth requirements (12 CFR §563.13) for a period of five (5) years from the effective date of the Merger related to the assets, liabilities and operation of Mills County.

Original

-8-

5.2 GOVERNING LAW

This Agreement and Plan of Merger shall be governed by the Laws of the State of Iowa.

5.3 AMENDMENTS

This Agreement and Plan of Merger can be amended by a two-thirds vote of both Boards of Directors any time prior to the Merger

Date. *March 1, 1983*

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by its duly authorized officers the day and year first above written.

WESTERN FEDERAL SAVINGS AND LOAN ASSOCIATION
Council Bluffs, Iowa

BY: *K. E. Nakos*

K. E. Nakos
MILLS COUNTY SAVINGS AND LOAN ASSOCIATION
Glenwood, Iowa

BY: *Ross B. Garrett*

Ross B. Garrett
Ross B. Garrett, President

Patrick T. Ross
Patrick T. Ross, Secretary-Treasurer

FEDERAL HOME LOAN BANK BOARD



OFFICE OF SUPERVISORY AGENT - EIGHTH DISTRICT

July 7, 1983

907 WALNUT STREET
DES MOINES, IOWA 50309
515/243-4211

Mr. Kenneth E. Nickerson,
President
Western Federal Savings and
Loan Association
20 Pearl Street
Post Office Box 987
Council Bluffs, Iowa 51501

Dear Mr. Nickerson:

By letter dated April 5, 1983, Principal Supervisory Agent Roby approved the merger of Mills County Savings and Loan Association, Glenwood, Iowa into Western Federal Savings and Loan Association, Council Bluffs, Iowa, provided certain conditions were complied with in a manner satisfactory to this office.

We have reviewed the compliance material which has been submitted to this office and wish to advise you that we find it to be evidence that all conditions have been complied with in a satisfactory manner.

It is noted that the effective date of the merger was May 1, 1983, and the resulting association in the merger is Western Federal Savings and Loan Association. We are now closing our files regarding this matter.

Sincerely,

Dennis R. Havener
Supervisory Agent

cc: ODB, FHLBB(2)
OES, FHLBB
State Supervisor
State League
District Director
Federal Reserve Bank

WITNESS:

STATE OF IOWA:
POLK COUNTY: SS

Subscribed and sworn to before me
by Dennis R. Havener this 7th day
of July, 1983.



88 2866

Notary Public in and for Polk
County, Iowa



COMPARED

3373

WARRANTY DEED

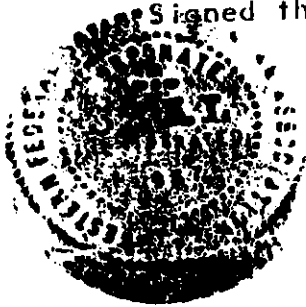
KNOW ALL MEN BY THESE PRESENTS:

That Western Federal Savings & Loan Association, Patrick Ross, Vice President, in consideration of the sum of One Dollar and other good and valuable consideration in hand paid does hereby convey unto Charles E. Lakin, whose address is 8990 West Dodge Road, Omaha, NE 68114, the following described real estate, to wit:

- ✓ All of Lot 9, in Auditor's Subdivision of Section 21, and Accretions in Township 75, Range 44 in Incorporated Town of Carter Lake, Iowa; together with all easements and servient estates appurtenant thereto;

And the grantor does hereby covenant with the said grantee, and successors in interest, that said grantor holds said real estate by title in fee simple; that said grantor has good and lawful authority to sell and convey the same; that said premises are free and clear of all liens and encumbrances whatsoever, and said grantor covenants to warrant and defend the said premises against the lawful claims of all persons whatsoever.

Signed this 31 day of July, 1987.



WESTERN FEDERAL SAVINGS AND
LOAN ASSOCIATION

Patrick Ross
Patrick Ross, Vice President
20 Pearl Street
Council Bluffs, IA 51501

Entered for Taxation SEP 22 1987

STATE OF IOWA
COUNTY OF MILLS

SS: Marilyn Jo Drake COUNTY AUDITOR

On this 31 day of July, 1987, before me a Notary Public in and for said County and State personally appeared Patrick Ross as Vice President of Western Federal Savings and Loan Association, to me known as the identical person named in and who executed the foregoing instrument, and acknowledged that the execution of the same was the voluntary act and deed of such person for the purposes therein expressed.

Filed for record, indexed, and delivered to the county auditor
this 22 day of Sept
A. D., 1987, at 88 page 6876 A. M. and
recorded in Book 88 page 6876
Rec. Fee \$ 5.00 Aud. Fee \$ 5.00 paid

John Sciorino Recorder
George Fanny Deputy

James A. Thomas


NOTARY PUBLIC IN AND FOR SAID
COUNTY AND STATE



REAL ESTATE TRANSFER
TAX PAID
STAMP #
\$ 147.95
921
RECORDER
9-22-87 DATE
Pottawattamie COUNTY

14195

APPENDIX F-2
HISTORICAL SANBORN MAP SEARCH



1302 Locust Street
1302 Locust Street
Carter Lake, IA 51510

Inquiry Number: 4648185.3

June 16, 2016

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

06/16/16

Site Name:

1302 Locust Street
1302 Locust Street
Carter Lake, IA 51510
EDR Inquiry # 4648185.3

Client Name:

Tetra Tech EMI
415 Oak Street
Kansas City, MO 64106
Contact: Kaitlyn Bahr



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EMI were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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

Certified Sanborn Results:

Certification # 8086-4955-A26E
PO # X9025140002.019022
Project 1302 Locust Street

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 8086-4955-A26E

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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APPENDIX F-3
HISTORICAL AERIAL PHOTOGRAPHS



1302 Locust Street
1302 Locust Street
Carter Lake, IA 51510

Inquiry Number: 4648185.9

June 16, 2016

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

06/16/16

Site Name:

1302 Locust Street
1302 Locust Street
Carter Lake, IA 51510
EDR Inquiry # 4648185.9

Client Name:

Tetra Tech EMI
415 Oak Street
Kansas City, MO 64106
Contact: Kaitlyn Bahr



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:

<i>Year</i>	<i>Scale</i>	<i>Details</i>	<i>Source</i>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1999	1"=500'	Acquisition Date: April, 04 1999	USGS/DOQQ
1982	1"=500'	Flight Date: January, 01 1982	NHAP
1979	1"=500'	Flight Date: September, 10 1979	USDA
1970	1"=500'	Flight Date: May, 06 1970	USDA
1960	1"=500'	Flight Date: January, 01 1960	USDA
1950	1"=500'	Flight Date: January, 01 1950	USDA
1949	1"=500'	Flight Date: July, 31 1949	USDA
1938	1"=500'	Flight Date: May, 09 1938	USDA

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INQUIRY #: 4648185.9

YEAR: 2012

— = 500'





INQUIRY #: 4648185.9

YEAR: 2011

— = 500'





INQUIRY #: 4648185.9

YEAR: 2010

— = 500'





INQUIRY #: 4648185.9

YEAR: 2009

— = 500'





INQUIRY #: 4648185.9

YEAR: 2008

— = 500'





INQUIRY #: 4648185.9

YEAR: 2007

— = 500'





INQUIRY #: 4648185.9

YEAR: 2006

— = 500'





INQUIRY #: 4648185.9

YEAR: 2005

— = 500'





INQUIRY #: 4648185.9

YEAR: 1999

— = 500'





INQUIRY #: 4648185.9

YEAR: 1982

— = 500'





INQUIRY #: 4648185.9

YEAR: 1979

— = 500'





INQUIRY #: 4648185.9

YEAR: 1970

— = 500'





INQUIRY #: 4648185.9

YEAR: 1960

— = 500'





INQUIRY #: 4648185.9

YEAR: 1950

= 500'





INQUIRY #: 4648185.9

YEAR: 1949

— = 500'






INQUIRY #: 4648185.9

YEAR: 1938

— = 500'



APPENDIX F-4
HISTORICAL TOPOGRAPHIC MAPS



1302 Locust Street
1302 Locust Street
Carter Lake, IA 51510

Inquiry Number: 4648185.4

June 15, 2016

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

06/15/16

Site Name:

1302 Locust Street
1302 Locust Street
Carter Lake, IA 51510
EDR Inquiry # 4648185.4

Client Name:

Tetra Tech EMI
415 Oak Street
Kansas City, MO 64106
Contact: Kaitlyn Bahr



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EMI 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. EDR's 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:**Coordinates:**

P.O.#	X9025140002.019022	Latitude:	41.285473 41° 17' 8" North
Project:	1302 Locust Street	Longitude:	-95.912206 -95° 54' 44" West
		UTM Zone:	Zone 15 North
		UTM X Meters:	256125.04
		UTM Y Meters:	4574539.32
		Elevation:	980.00' above sea level

Maps Provided:

2014
1994
1984
1975
1969
1956
1893

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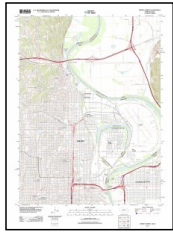
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Topo Sheet Key

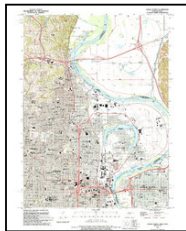
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets



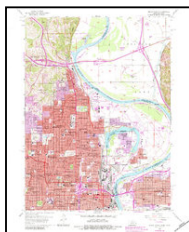
Omaha North
2014
7.5-minute, 24000

1994 Source Sheets



Omaha North
1994
7.5-minute, 24000
Aerial Photo Revised 1990
Edited 1994

1984 Source Sheets



Omaha North
1984
7.5-minute, 24000
Photo Revised 1984
Aerial Photo Revised 1982

1975 Source Sheets

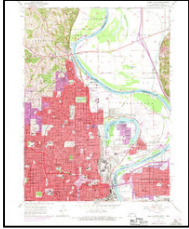


Omaha North
1975
7.5-minute, 24000
Photo Revised 1975
Aerial Photo Revised 1975

Topo Sheet Key

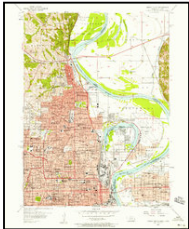
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1969 Source Sheets



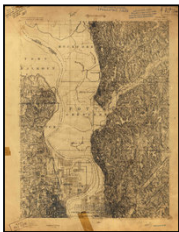
Omaha North
1969
7.5-minute, 24000
Photo Revised 1969
Aerial Photo Revised 1969

1956 Source Sheets

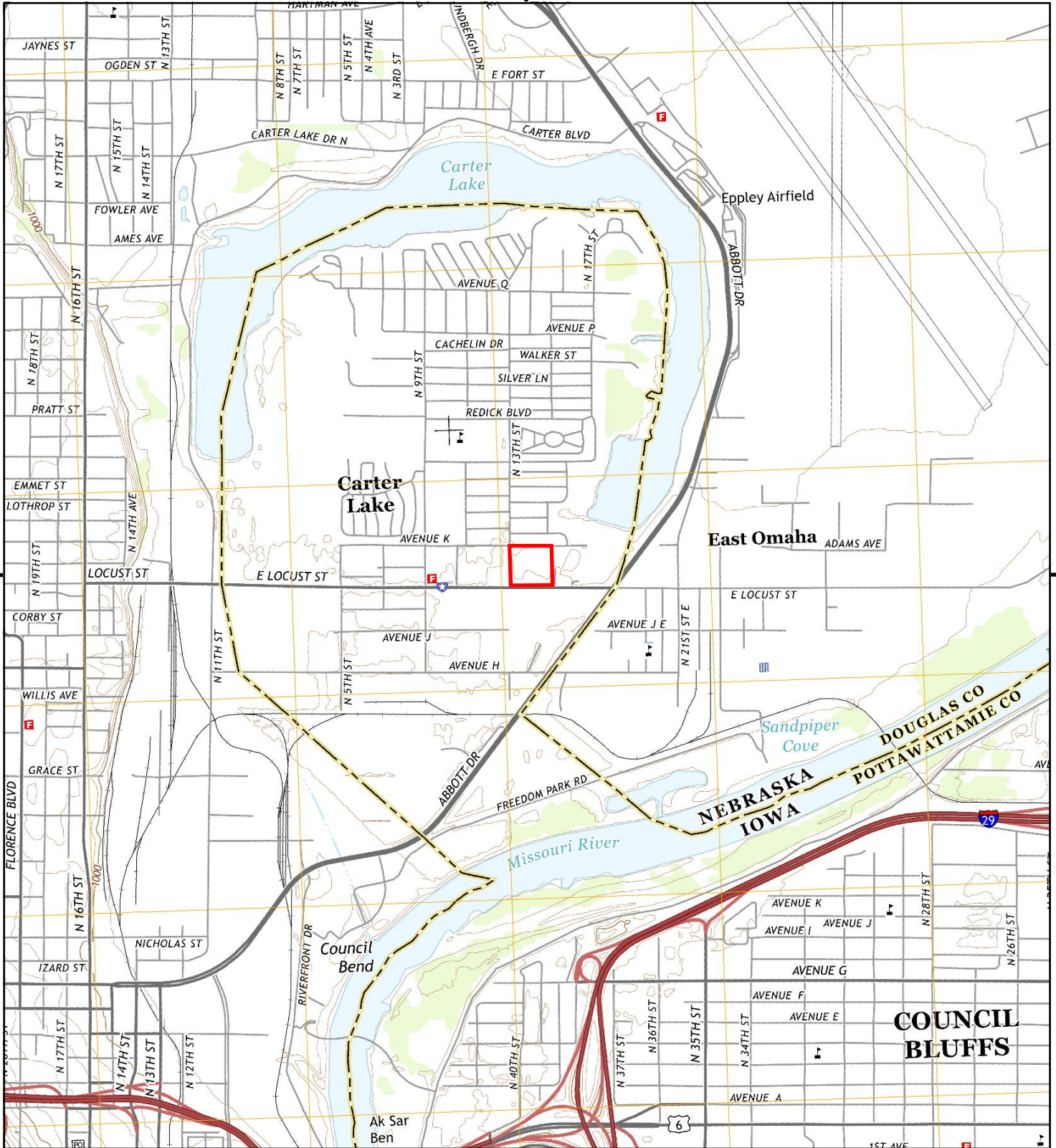


Omaha North
1956
7.5-minute, 24000
Aerial Photo Revised 1952

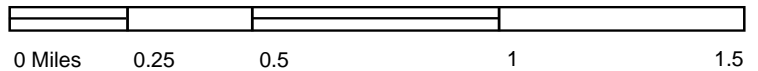
1893 Source Sheets



Omaha
1893
15-minute, 62500



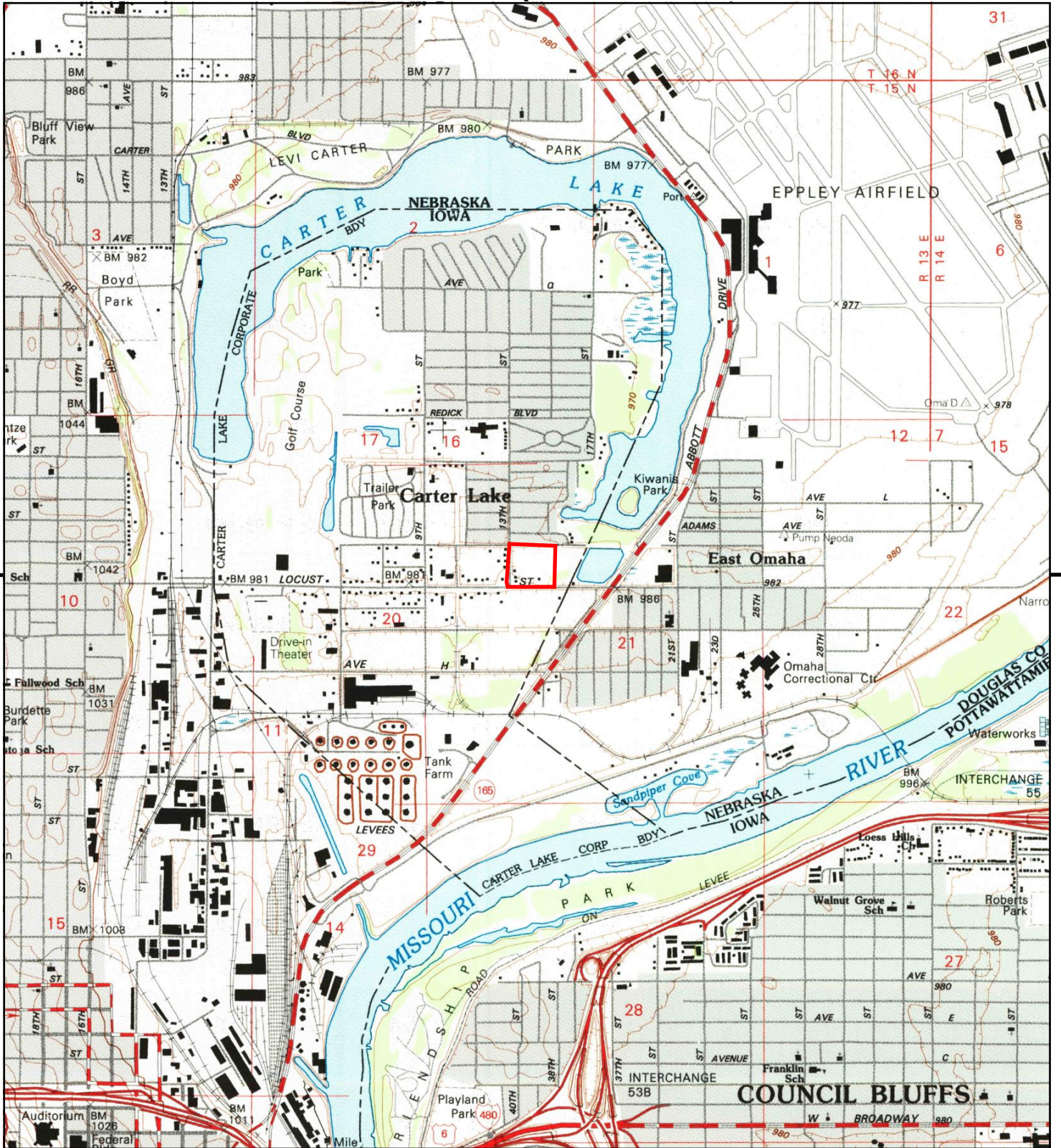
This report includes information from the following map sheet(s).



TP, Omaha North, 2014, 7.5-minute

SITE NAME: 1302 Locust Street
ADDRESS: 1302 Locust Street
Carter Lake, IA 51510
CLIENT: Tetra Tech EMI





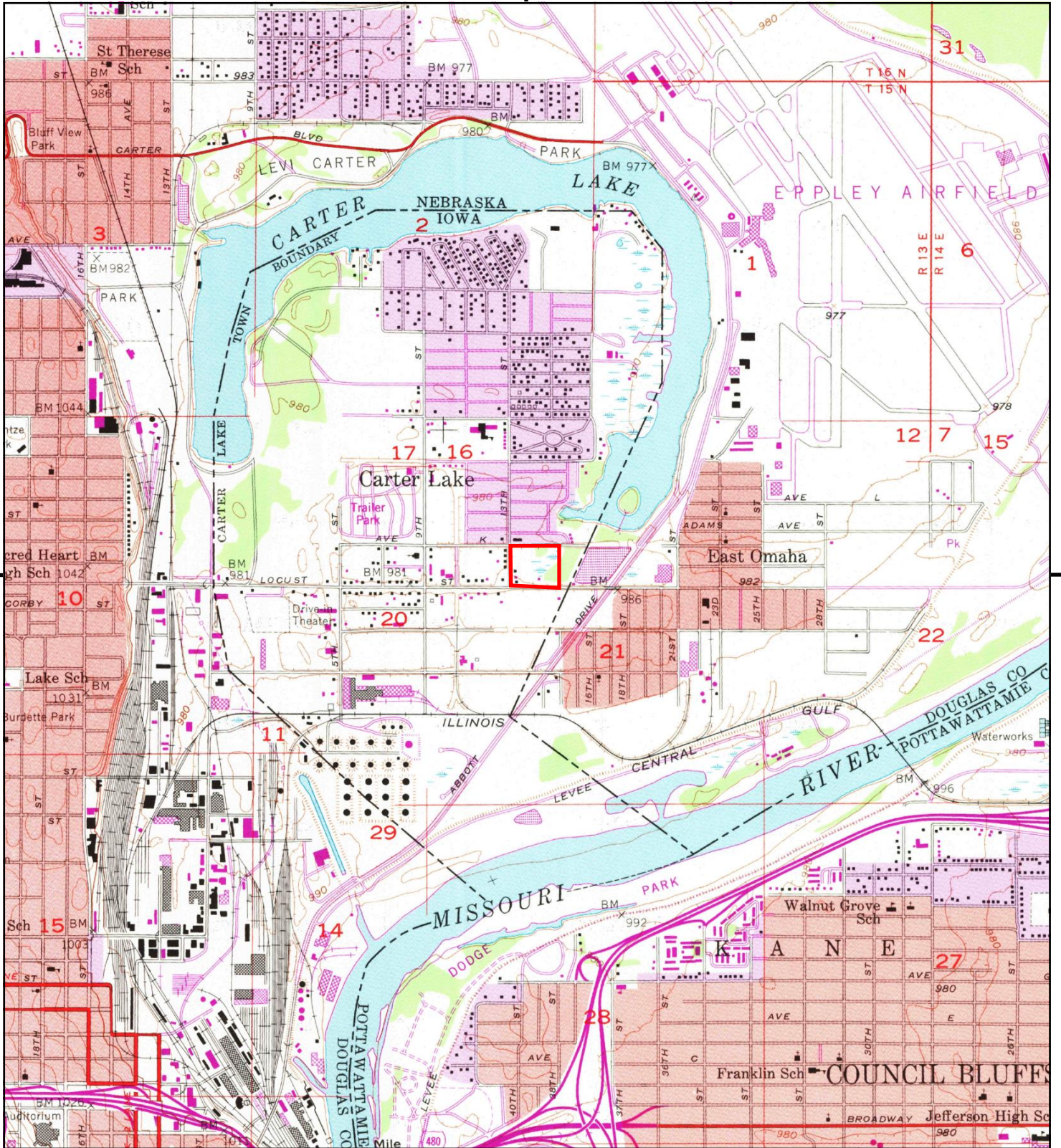
This report includes information from the following map sheet(s).



TP, Omaha North, 1994, 7.5-minute

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 Carter Lake, IA 51510
 CLIENT: Tetra Tech EMI





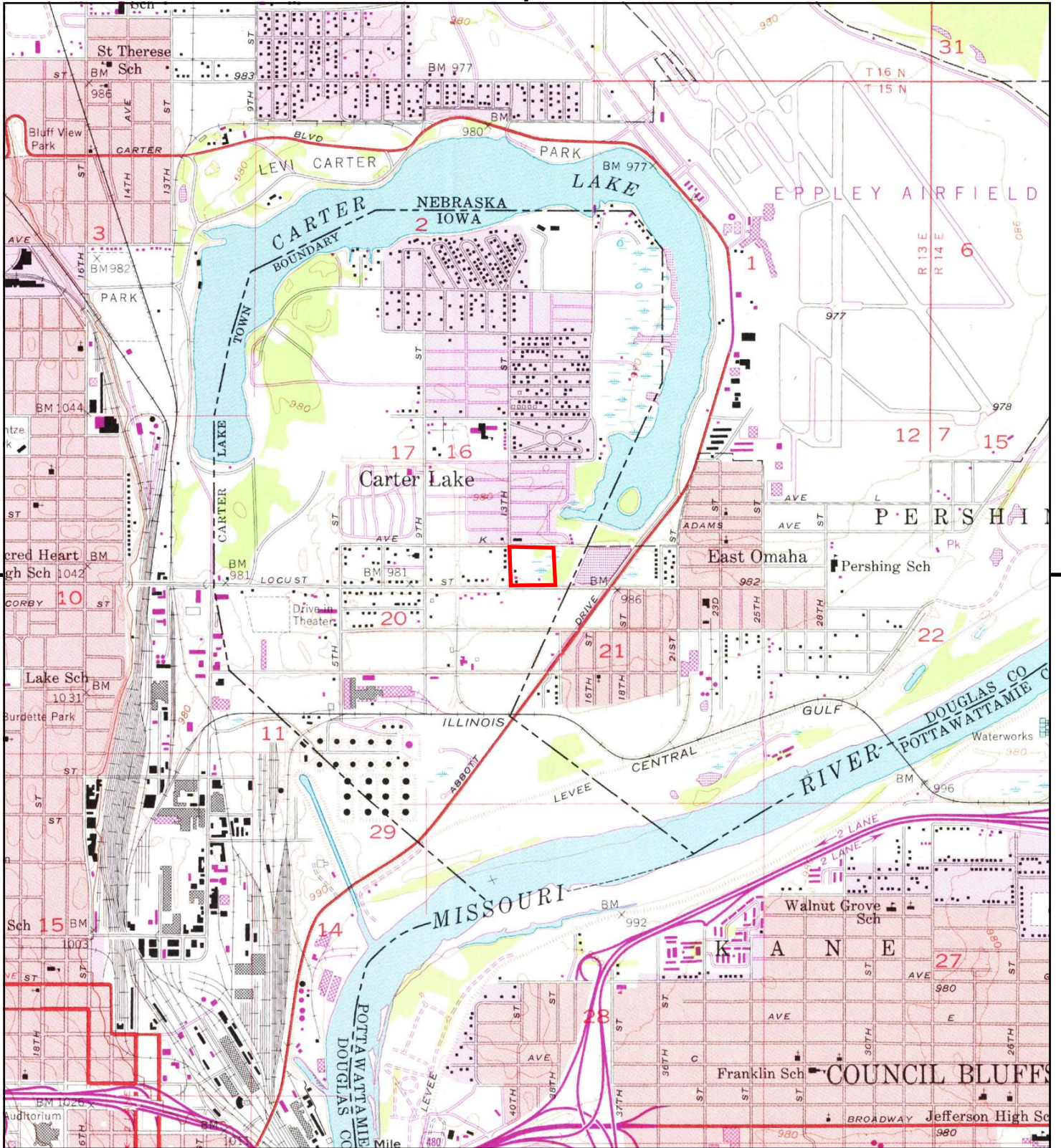
This report includes information from the following map sheet(s).



TP, Omaha North, 1984, 7.5-minute

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 Carter Lake, IA 51510
 CLIENT: Tetra Tech EMI





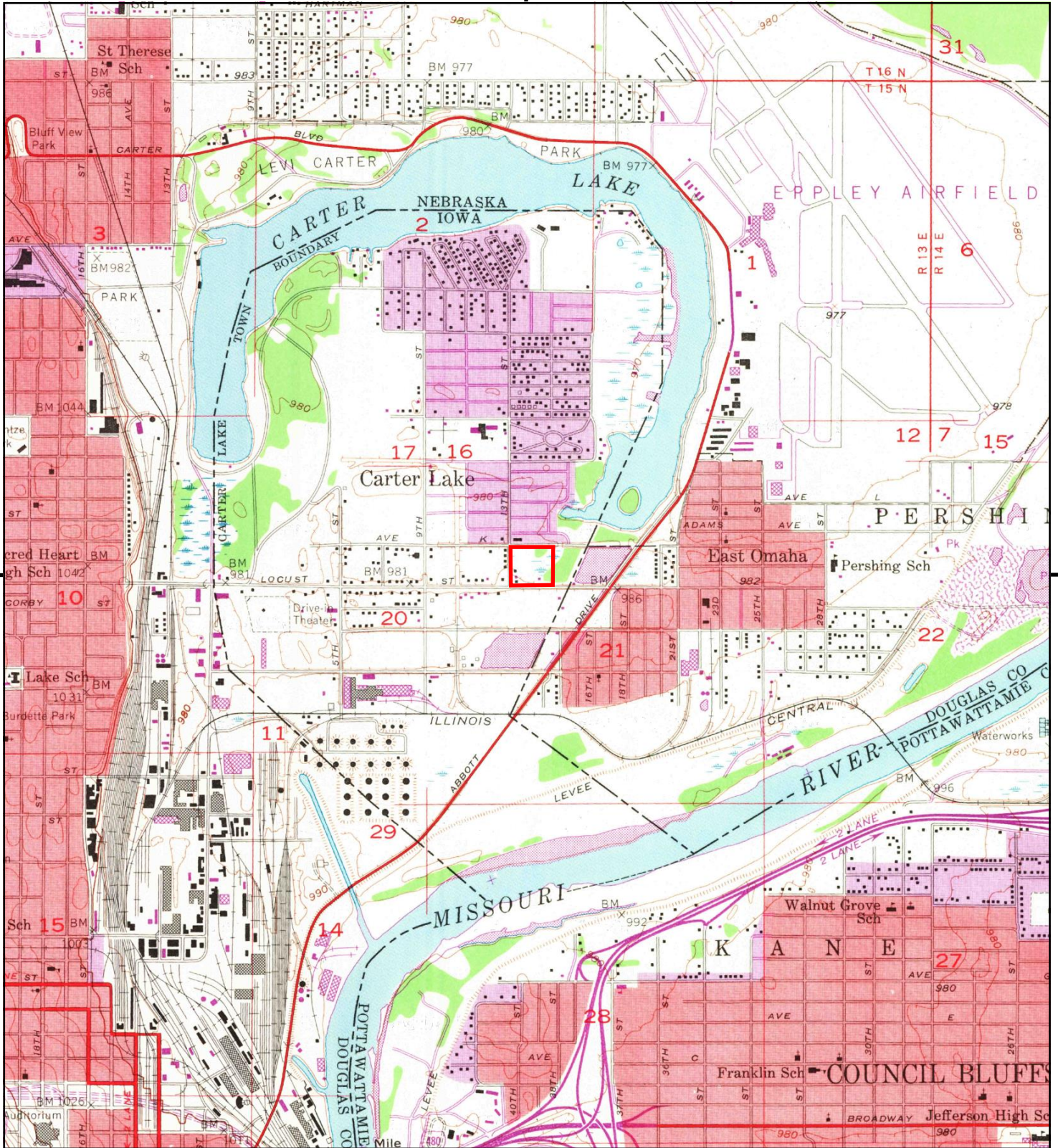
This report includes information from the following map sheet(s).



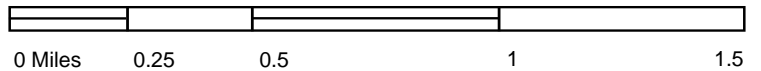
TP, Omaha North, 1975, 7.5-minute

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 Carter Lake, IA 51510
 CLIENT: Tetra Tech EMI





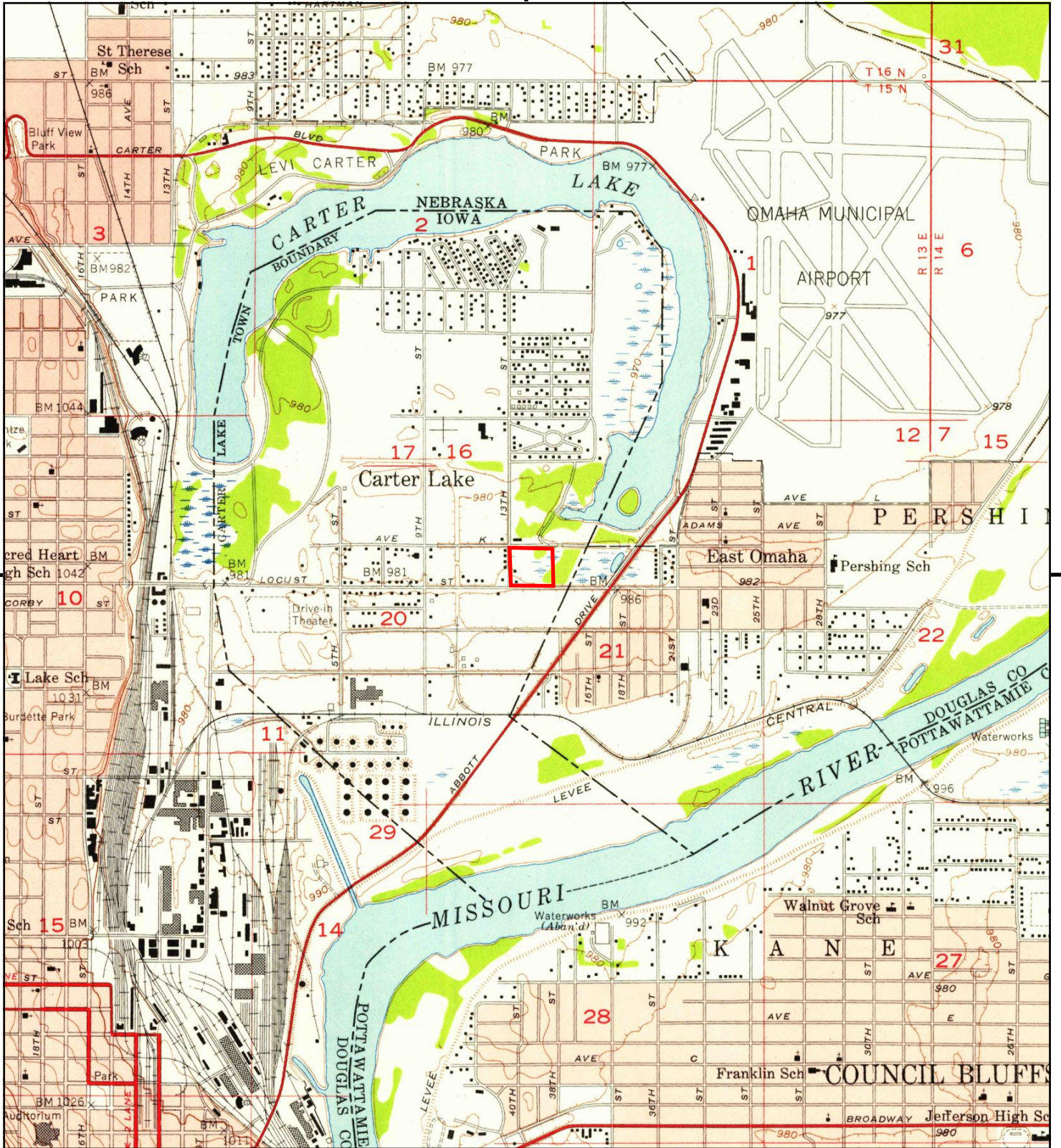
This report includes information from the following map sheet(s).



TP, Omaha North, 1969, 7.5-minute

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 Carter Lake, IA 51510
 CLIENT: Tetra Tech EMI





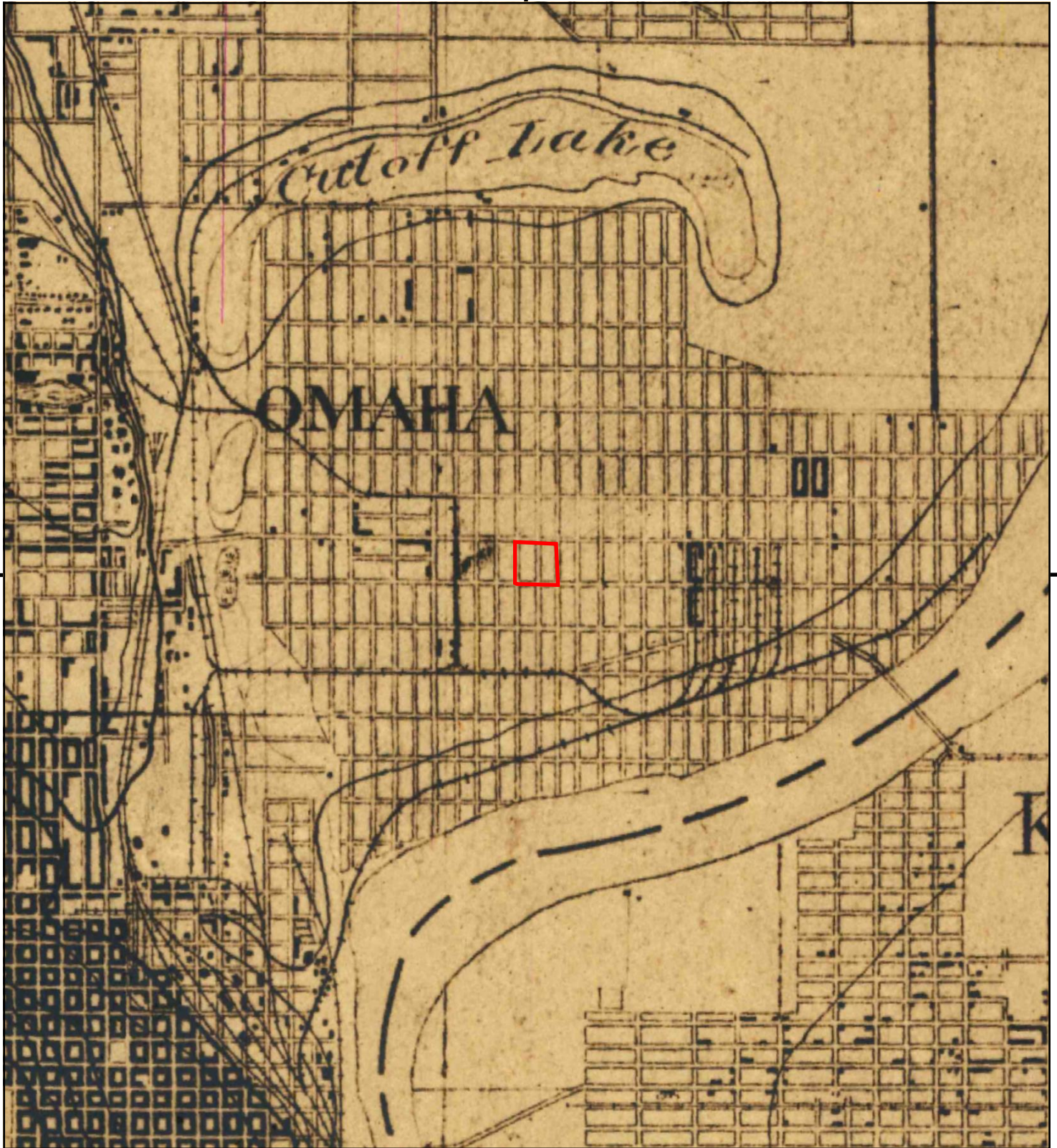
This report includes information from the following map sheet(s).



TP, Omaha North, 1956, 7.5-minute

SITE NAME: 1302 Locust Street
ADDRESS: 1302 Locust Street
Carter Lake, IA 51510
CLIENT: Tetra Tech EMI





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



TP, Omaha, 1893, 15-minute

SITE NAME: 1302 Locust Street
 ADDRESS: 1302 Locust Street
 Carter Lake, IA 51510
 CLIENT: Tetra Tech EMI



APPENDIX F-5

HISTORICAL CITY DIRECTORY SEARCH

1302 Locust Street

1302 Locust Street
Carter Lake, IA 51510

Inquiry Number: 4648185.5
June 16, 2016

The EDR-City Directory Image Report

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 city directory data at 5 year intervals.

RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	☑	☑	Cole Information Services
2008	☑	☑	Cole Information Services
2003	☑	☑	Cole Information Services
1999	☑	☑	Cole Information Services
1995	☑	☑	Cole Information Services
1992	☑	☑	Cole Information Services

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FINDINGS

TARGET PROPERTY STREET

1302 Locust Street
Carter Lake, IA 51510

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

E LOCUST ST

2013	pg A1	Cole Information Services
2003	pg A7	Cole Information Services
1999	pg A9	Cole Information Services
1995	pg A13	Cole Information Services
1992	pg A15	Cole Information Services

LOCUST ST

2013	pg A2	Cole Information Services
2008	pg A4	Cole Information Services
1999	pg A10	Cole Information Services

FINDINGS

CROSS STREETS

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

N 13TH ST

2013	pg. A3	Cole Information Services
2008	pg. A5	Cole Information Services
2003	pg. A8	Cole Information Services
1999	pg. A11	Cole Information Services
1995	pg. A14	Cole Information Services
1992	pg. A16	Cole Information Services

City Directory Images

E LOCUST ST

2013

2110 UHAUL

LOCUST ST 2013

818	ROBERT CRUMLEY
819	JENNY STUCK
822	OCCUPANT UNKNOWN
905	OCCUPANT UNKNOWN
950	CITY OF CARTER LAKE MAINTENANCE
	CITY OF CARTER LAKE POLICE DEPARTMENT
1001	CARTER LAKE QUICK STOP
1003	CARTER LAKE LOUNGE
1010	TROY HUMPHREY
1012	ALLEN REMMEN
1014	TORSTEN SAHL
1103	CITY MOTOR CENTER
1110	OCCUPANT UNKNOWN
1116	AMPES CAFE
1202	KWIK SHOP
1204	AMERICAN NATIONAL BANK
	PEOPLES NATIONAL BANK

N 13TH ST

2013

3000	DOLLAR GENERAL STORE
3002	ELMER BRANSON
3004	TRI CITY DENTAL
3006	MIKE CHRISTINA
3008	JOHN SHAFFER
3010	OCCUPANT UNKNOWN
3701	DONALD SMITH
3705	VERNON RANDALL
3706	JOSEPH ANDERSON
3708	BARBARA BONACCI
3710	DANIEL JONES
3711	GARY FETT
3712	BERNIE NOBIS
3714	PAUL SCHOMER
3715	RONALD TRUMBLE
3719	MICHAEL EDSON
3805	STEVEN LINGARD
3806	SHAWNE ROTHMEYER
3810	OCCUPANT UNKNOWN
3904	WILLIAM MCPECK
3908	BILLIE MIDDLETON
4004	JERRY SMITH
4006	LEE DEVAULT
4009	RYAN HARTOG
4104	WILLIAM MCPECK
4109	BARBARA MELONIS
4155	KENNETH BARTLETT
4159	DAVID HENDRICKSON
4204	JEFF PARKER
4206	NANCY MARSHALL
4208	COURTNEY JEROME
4302	JAMES MOORE
4305	OCCUPANT UNKNOWN
4310	BRYAN DREXEL
4311	WANDA ROSENBAUGH
4314	KENNETH ERNESTI
4315	APRIL SMITH
4316	OWEN DASHNER
4320	GERALD DARVEAUX
4323	DON RUBSAM
4324	ANDREW KRUSE
4327	CLIFTON REEVES
	DUTSONS TAXIDERMY
4330	TERRY PURCELL

LOCUST ST 2008

819	JOHN STUCK
822	R & A CONSTRUCTION CO INC
950	CARTER LK VOLUNTEER FIRE & RESCUE
1001	CONVENIENT FOOD MART
1003	CARTER LAKE LOUNGE
1010	TROY HUMPHREY
1012	BARBARA REMMEN
1014	TORSTEN SAHL
1103	CITY MOTOR CENTER
	CITY SUPERSHOP
	FETT SUPER SHOP CORP
1116	AMPES CAFE
1202	KWIK SHOP
	KWIK SHOP INC
1204	PEOPLES NATIONAL BANK
1215	KRYSTALYNN KNIGHT

N 13TH ST

2008

1602	JAMES MOORE
1620	GERALD DARVEAUX
1623	DON RUBSAM
1624	MARION PERRIGO
1627	TODD DUTSON
3000	DOLLAR GENERAL
3002	ELMER BRANSON
3004	HURLEY ROBERT W DDS
	TRI CITY DENTAL
3006	MIKE CHRISTINA
3008	OCCUPANT UNKNOWN
3701	OCCUPANT UNKNOWN
3705	VERNON RANDALL
3708	JASON ETHEN
3710	JACKSON SHIRLEY
3711	FETTS CITY SUPER SHOP INC
	FETTS PROPERTY & INVESTMENT INC
	GARY FETT
3712	ADT SECURITY SERVICE
	BERNIE NOBIS
3714	PAUL SCHOMER
3715	CRYSTALYNN WINFIELD
3716	OCCUPANT UNKNOWN
3718	GENEVIEVE BROCKMAN
3719	TRACI PETERSEN
3805	BARBARA SMITH
3806	SHAWNE ROTHMEYER
3808	MERRELL HUSKEY
3810	OCCUPANT UNKNOWN
3902	OCCUPANT UNKNOWN
3904	KRIS MCPECK
3906	SANDRA ORDONEZ
3908	OCCUPANT UNKNOWN
4004	WILLIAM VASHON
4006	LEE DEVAULT
4009	DONNIE WHALEY
4109	ISIDORO ARELLANO
4155	KENNETH BARTLETT
4159	DAVID HENDRICKSON
4204	JEFF PARKER
4206	NANCY MARSHALL
4208	THOMAS REEDER
4302	OCCUPANT UNKNOWN
4305	KIRK MARON
4310	BRYAN DREXEL
4311	WANDA ROSENBAUGH
4314	KENNETH ERNESTI
4315	OCCUPANT UNKNOWN
4316	BERNIE DERGAN
4320	JOE DARVEAUX

N 13TH ST**2008****(Cont'd)**

4323	OCCUPANT UNKNOWN
4324	OCCUPANT UNKNOWN
4327	OCCUPANT UNKNOWN
4330	OCCUPANT UNKNOWN

E LOCUST ST 2003

822	SHAWN LESLEY
905	PEARLE MADSEN
907	LEVELL AUTO SALES
950	CARTER LAKE CITY OF CITY CLERK
	CRTR LAKE CITY OF PARKS & RCRT
1003	CARTER LAKE LOUNGE
1010	BILLY HARKNESS
1014	DANIELL BIRCHARD
	MARKLV MARKUSON
	ROYAL PETERS
	TORSTEN SAHL
1103	CITY MOTOR CTR
	CITY SUPER SHOP
1116	AMPES CAFE
	ROBERT SWENTOR
1202	KWIK SHOP INC
1204	PEOPLES NATIONAL BANK
1215	L HALBERT
1301	BUDGET FAST CASH

N 13TH ST

2003

2449	CURVES FOR WOMEN
3002	ELMER BRANSON
3004	HURLEY ROBERT DDS ROBERT W HURLEY
3006	MIKE CHRISTINA
3104	PCTR PRFCT PRFL HAIR SALON
3701	DONALD SMITH
3705	VERNON RANDALL
3706	JOSEPH ANDERSON
3708	DON ETHEN
3710	LARRY STOCKTON
3712	BERNIE NOBIS
3714	PAUL SCHOMER
3715	ROBERT MCCLOUD
3718	GENEVIEVE BROCKMAN
3805	BARBARA SMITH
3806	SHAWNE ROTHMEYER
3808	MERRELL HUSKEY
3810	ALAN URICH HARLEYS INC
3902	DOROTHY SHOEMAKE
3904	KRIS MCPECK
3906	LEO KUBIK
4004	WILLIAM VASHON
4009	SHEILA ROTHMEYER
4104	CHRISTOPHER HAWKINS
4106	RANDALL HAWKINS
4109	RODNEY ALVARADO
4155	KENNETH BARTLETT
4159	DENNY FERRIN TODD TARBOX
4204	JEFF PARKER
4206	THOMAS MARSHALL
4208	KRISTIAN KREPS
4305	KIRK MARON
4310	JOE WILLMS
4311	WANDA ROSENBAUGH
4314	KENNETH ERNESTI
4315	JOHN MORASKI
4316	BERNIE DERGAN
4320	GERALD DARVEAUX STACI HOPE
4323	DON RUBSAM
4327	DUTSONS TAXIDERMY TODD DUTSON
4330	GLEN DANIELS

E LOCUST ST 1999

930	CARTER LAKE CITY OF WATER DISTRICT
950	CARTER LAKE CITY OF CITY CLERK
	CARTER LAKE CITY OF FIRE ADMINISTRATIVE NUMBER
	CARTER LAKE CITY OF PARKS & RECREATION
	CARTER LAKE POLICE DEPARTMENT
1003	CARTER LAKE LOUNGE
1116	AMPES CAFE
1202	KWIK SHOP INCORPORATED

LOCUST ST 1999

819	JENNY STUCK
1004	MARJORIE MCWILLIAMS
1010	TROY HUMPHREY
1012	BARBARA REMMEN
1014	TORSTEN SAHL
1215	KRYSTALYNN KNIGHT

N 13TH ST

1999

1620 GERALD DARVEAUX
 1624 MARION PERRIGO
 2905 CARTER LAKE SNACK SHACK
 3002 ELMER BRANSON
 3004 C LS TRI CITY DENTAL
 OCCUPANT UNKNOWN
 3006 MIKE CHRISTINA
 3010 OCCUPANT UNKNOWN
 3701 DONALD SMITH
 3705 VERNON RANDALL
 3708 JASON ETHEN
 3710 CRYSTAL JONES
 3711 GARY FETT
 3712 BERNIE NOBIS
 3713 OCCUPANT UNKNOWN
 3714 PAUL SCHOMER
 3715 CRYSTALYNN WINFIELD
 3716 OCCUPANT UNKNOWN
 3718 GENEVIEVE BROCKMAN
 3719 MICHAEL EDSON
 OCCUPANT UNKNOWN
 3805 STEVEN LINGARD
 3806 SHAWNE ROTHMEYER
 3808 MERRELL HUSKEY
 3810 ALAN URICH
 3904 KRISTEE MCPECK
 OCCUPANT UNKNOWN
 3906 SANDRA ORDONEZ
 3908 BILLIE MIDDLETON
 4004 OCCUPANT UNKNOWN
 WILLIAM VASHON
 4006 LEE DEVAULT
 OCCUPANT UNKNOWN
 4009 BUTCH MADDEN
 4109 BARBARA MELONIS
 OCCUPANT UNKNOWN
 4155 KENNETH BARTLETT
 4159 DAVID HENDRICKSON
 4204 JEFF PARKER
 4206 NANCY MARSHALL
 4208 OCCUPANT UNKNOWN
 4302 JAMES MOORE
 4305 KIRK MARON
 OCCUPANT UNKNOWN
 4310 BRYAN DREXEL
 4311 WANDA ROSENBAUGH
 4314 KENNETH ERNESTI
 4316 BERNIE DERGAN
 4323 DON RUBSAM
 4327 TODD DUTSON

N 13TH ST

1999

(Cont'd)

4330 TERRY PURCELL

E LOCUST ST**1995**

905	MADSEN, EDWARD
907	LEVELL AUTO SALES
950	CARTER LAKE CITY CLERK
	CARTER LAKE MAINTENANCE SHOP
	CARTER LAKE PARKS & RECREATION
	CARTER LAKE POLICE ADMIN
	CARTER LAKE WATER DISTRICT
	WARNER, ROBERT
1001	CONVENIENT FOOD MART
1003	CARTER LAKE LOUNGE
1004	WHITFORD, DELORES
1010	OCCUPANT UNKNOWNNN
1014	MARK MARKUSON III CONSTRUCTION
	MARKUSON, MARK III
	PETERS, ROYAL L
1107	CITY MOTOR CTR
	FETT ENTERPRISES
	UNIBODY&FRAME SHOP
1116	AMPES CAFE
1202	KWIK SHOP
1204	PEOPLES NATIONAL BANK
1301	BUDGET AUTO GLASS
	BUDGET GLASS

N 13TH ST

1995

2905 COFFMAN, KELLY
 3002 BRANSON, ELMER
 3004 C LS TRI CITY DENTAL
 HURLEY, ROBERT
 3006 CHRISTINA, MIKE
 3008 VOLZ, VERNON
 3010 BURK, PATSY
 3701 SMITH, DONALD L
 3705 RANDALL, DICK
 3706 ANDERSON, JOSEPH
 3708 ETHEN, DON
 3710 STOCKTON, LARRY
 3711 FETT, GARY
 3712 NOBIS, BERNIE
 3713 JOHNSON, DANIEL R
 3714 SCHOMER, PAUL
 3715 MCCLOUD, ROBERT
 3716 THOMAS, WALTER
 3718 BROCKMAN, LEONARD
 3805 DUNLAP, BONNIE
 SMITH, RAYMOND D SR
 3806 LAWRENCE, HERBERT
 3808 HUSKEY, ALICE J
 3810 URICH, HARLAN
 3904 OCCUPANT UNKNOWNNN
 3906 OCCUPANT UNKNOWNNN
 3908 MIDDLETON, LARRY E
 4004 MAY, DOUG
 4006 RUSSELL, LYLE G
 4009 ROTHMEYER, RONALD W
 4104 MCGUIRE, CINDY
 4106 HAWKINS, RANDALL
 4109 OCCUPANT UNKNOWNNN
 4155 BARTLETT, KENNETH H
 4159 FERRIN, JANICE K
 4204 RATLIFF, L C
 4206 MARSHALL, NANCY A
 4301 OWENS, C
 4302 MOORE, JAMES P
 4305 MARION, G
 4310 WILLMS, JOE
 4311 ROSENBAUGH, WANDA C
 4314 ERNESTI, KENNETH C
 4315 ROTH, WILMA A
 4316 DERGAN, ALICE C
 4320 DARVEAUX, GERALD J
 4323 OCCUPANT UNKNOWNNN
 4324 PERRIGO, MARION L
 4327 DUTSON, L H
 4330 DANIELS, GLEN L

E LOCUST ST 1992

902	HAROLDS SV
905	MADSEN, EDWARD
930	CTY WATER DISTRCT
950	CARTER LK CTY CLRK
	CTY PARKS&RECRETN
	CTY POLICE ADMNSTR
	MIDLANDS CABLE SYS
1003	CARTER LK LOUNGE
1004	MUIR, JACK M
1010	VANVLEET, LEROY
1014	MARK MARKUSON CNST
	PETERS, ROYAL L
1107	MID-AMER SALVAGE
	UNIBODY&FRAME SHOP
1116	AMPES CAFE
1202	CARTER LK VIDEO
	KWIK SHOP
	KWIK START
1204	PEOPLES NATL BANK
1215	SILLIK, JOAN M
1233	ASPHALT EXPRESS
	ATO HST CR&TRK RNT
	BUDGET GLASS
	TRI-STATE ASPHALT
1301	BUDGET AUTO GLASS

N 13TH ST

1992

2905 BREADEAUX PISA
 3002 BRANSON, ELMER
 3004 CLS TRICITY DENTAL
 DR ROBERT HURLEY
 HURLEY, ROBERT
 3006 MCFARLAND, D E
 3008 VOLZ, VERNON
 3010 SHEARD, TERESA
 3104 AMERICAN RLTY-ERA
 3701 SMITH, DONALD L
 3705 EXPERT DRAIN&SEWER
 RANDALL, DICK
 RANDALLS DRN&SEWR
 3706 ANDERSON, JOSEPH
 3708 ETHEN, DON
 3710 STOCKTON, LARRY
 3711 FETT, GARY
 3712 PETERS, JEAN
 3713 JOHNSON, DANIEL R
 3714 ADAMS, STEVEN D
 3715 MCCLOUD, ROBERT
 3718 BROCKMAN, LEONARD
 3719 FETT, JASON
 3805 SMITH, RAYMOND D SR
 3806 MARCO, CHARLES
 3808 HUSKEY, ALICE J
 3810 URICH, HARLAN
 3904 BROWN, DOUGLAS H
 3906 KUBIK, LEO
 4004 MAY, DOUG
 4006 RUSSELL, LYLE G
 4009 ROTHMEYER, RONALD W
 4106 HAWKINS, RANDALL
 4109 GRIFFEY, JACK L
 4155 BARTLETT, KENNETH H
 4159 FERRIN, JANICE K
 4204 RATLIFF, THOMAS W
 4206 MARSHALL, NANCY A
 4302 MOORE, JAMES P
 4310 WILLMS, JOE
 4311 ROSENBAUGH, MERLYN
 4314 ERNESTI, KENNETH C
 4315 ROTH, WILMA A
 4316 DERGAN, ALICE C
 4320 DARVEAUX, GERALD J
 4324 PERRIGO, MARION L
 4327 DUTSON, L H

APPENDIX G

RESUMES

EXPERIENCE SUMMARY

Ms. Bahr is an Environmental Scientist with six years of experience providing technical support for clients in the government and private sectors. Major areas of expertise include Phase I ESAs; NEPA reporting; hazardous materials surveys including asbestos, lead, mold, and household hazardous waste; demolition and abatement contractor oversight. Project support in these areas includes task management; technical report preparation; environmental field sampling; quality control and quality assurance for environmental field work; compliance inspection/determination; scientific data collection and analysis; and client communication. Ms. Bahr has also worked extensively on creating proposals and cost estimates to finalize time critical submittals. She has participated in emergency response training for the EPA dealing with chemical, biological and radiological agents.

RELEVANT EXPERIENCE

Environmental Analysis and Permitting

Phase I Environmental Site Assessment, Verizon Wireless. Ms. Bahr has completed many Phase I ESAs, which included an on-site assessment followed by a detailed records review of the site. Environmental risk was identified followed by determination if further sampling was recommended.

Unified Government of Wyandotte County, Kansas City, Kansas

Ms. Bahr prepared multiple Phase I and Phase II ESA reports for targeted Brownfield assessments for hazardous and petroleum sites in Wyandotte County, Kansas City, Kansas. Ms. Bahr's responsibility for the Phase I ESAs included assessing potential RECs and writing reports providing conclusions regarding potential RECs and recommendations for further work. This project included interpretation of an EDR database report, historical aerials, historic topographic maps, and city directories.

Martin Marietta Materials, Phase I and Phase II Environmental Site Assessments for Multiple Sites in Colorado and Wyoming

Ms. Bahr prepared multiple Phase I ESA reports for Martin Marietta Materials in Colorado as part of a property acquisition. Ms. Bahr's responsibility for the Phase I ESAs included assessing potential RECs and providing conclusions regarding potential RECs and recommendations for further work.

Citadel Plaza Redevelopment Area Area-Wide Phase I Environmental Site Assessment of 156 Parcels, Kansas City, Missouri

Ms. Bahr performed an area-wide Phase I ESA on 156 parcels within the Citadel Plaza Redevelopment Area generally bounded by residential housing, wooded land and East 60th Street, the east side of Prospect Avenue to Bruce R. Watkins Highway, 63rd Street and Brooklyn Avenue in Kansas City, Jackson County, Missouri. Numerous RECs were identified associated with the subject property and surrounding properties including the following sources of contamination: area-wide asbestos contamination in soil, dry

EDUCATION

B.S., Environmental Science, University of Kansas, 2010

Minor, Geography, University of Kansas, 2010

AREAS OF EXPERTISE

Project Management

Phase I ESAs

Asbestos, Lead-Based Paint, Mold

NEPA Reporting

Environmental Sampling

KEY TRAINING/ CERTIFICATIONS

40-hour OSHA HAZWOPER with 8-hour Refreshers

CPR and Standard First Aid

AHERA Asbestos Inspector

Current Asbestos Inspector License for the State of Iowa, Missouri, and Nevada.

OFFICE

Kansas City, MO

YEARS OF EXPERIENCE

6

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cleaners, gas stations, former filling stations, former printers, and auto repair/auto service stations either on the subject property or hydraulically upgradient. Phase II field activities were recommended to address the RECs found during the area-wide Phase I ESA.

Phase II Environmental Site Assessment, Nebraska Department of Environmental Quality, Omaha, NE.

Ms. Bahr conducted site assessment of soil, groundwater and building materials to determine the extent of contamination at an industrial plant in West Point and Lincoln, NE.

Phase II and III Environmental Site Assessment, EPA Region 7 START Contract. Ms. Bahr conducted site assessment of soil to determine the extent of lead contamination for areas in the state of Missouri where previous lead mining activities occurred. Samples were taken from residences throughout two counties.

Emergency Response Training, EPA Region 7 START Contract. Ms. Bahr has participated in level A emergency response training for the EPA Region 7 START Contract that included a variety of situations including radiation release and unknown biological hazard release scenarios.

National Environmental Policy Act (NEPA) Reports

Ms. Bahr has completed NEPA reports in conjunction with a private telecommunication company's environmental site assessments (ESAs). The scope of work for the NEPA report includes NEPA Categorical Exclusion checklists, consultation with state and local agencies to evaluate the presence of threatened and endangered species, historically significant structures, sensitive areas, wetland delineations, biological evaluations, sacred Native American lands, and flood hazards on or near the subject properties. Because construction of cellular communication towers are federally regulated projects by the Federal Communications Commission (FCC), new cellular towers and certain collocations projects are subject to Section 106 consultation in accordance with the Advisory Council on Historic Preservation – 36 CFR 800 – and the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings. Ms. Bahr maintains contact with all individuals involved in the NEPA and Section 106 processes, including the client, archaeological and architectural historians, site acquisition consultants, engineers, state agencies including the United States Fish and Wildlife Service, state conservation agencies, SHPOs, tribal entities, and citizens identified through public involvement.

Enforcement and Compliance

American Recovery and Reinvestment Act (ARRA) Inspections, Mississippi, Ohio, New York, New Jersey, Pennsylvania, South Dakota, Missouri, Nebraska, Iowa and Kansas

Ms. Bahr conducted ARRA inspections across the United States in 2010 and 2011. The inspections were conducted at sites who had obtained ARRA funding for projects such as wastewater and water treatment plant upgrades, well installations, storage, water line installation, pump stations, construction projects, etc. The purpose of the inspections were to ensure the recipients were in compliance with all ARRA requirements including Davis-Bacon, Buy America, Jobs Reporting, Green Project Reserve, and Poster/logo requirements. A memo was generated after each inspection to summarize the findings.

On-site Compliance at Ford Motor Company Kansas City Assembly Plant and Stamping Plant, Claycomo, Missouri, 2013

Ms. Bahr provided environmental support during a large-scale remediation project at the former Ford Paint Kitchen. Tasks included conducting oversight of excavation activities, performing field screenings, and preparing and dispensing load tickets for proper hazardous material disposal.

Hazardous Materials Surveys

Environmental Assessment Services, Flood Damaged Homes – Cedar Rapids, Iowa. Ms. Bahr is licensed in the state of Iowa as an asbestos inspector. Ms. Bahr completed asbestos surveys, mold identification and household hazardous waste identification on approximately 1,000 flood damaged homes in the Cedar Rapids, Iowa area. Ms. Bahr is responsible for the following tasks: hazardous materials survey report preparation and

upload to a Share Point website; close-out post remediation report preparation, organization and filling of all field sheets, lab results, and sample chain of custodies; conducted sample result interpretation; and finally development of all files and field sheets needed for the oversight of the remediation of the hazardous materials in the homes prior to their demolition.

Environmental Assessment Services, AMC Entertainment Inc.

Ms. Bahr has conducted asbestos inspections at AMC movie theaters throughout the United States. Tasks included conducting a non-destructive asbestos inspection, gathering photographic evidence, and compiling a report based on the laboratory results.

Former Missouri State Prison, Targeted Brownfields Assessment – Jefferson City, Missouri. Ms. Bahr is licensed in the state of Missouri as an asbestos inspector. Ms. Bahr was a part of a project team that completed a full hazardous materials inspection on the approximately 745,000 square foot 40 building complex. The inspection started with a Phase I ESA, followed by a full asbestos, lead based paint and mold inspection. Potentially PCB containing caulking was sampled along with an inventory and categorization of all household hazardous waste in the buildings was completed. She also helped with the final deliverables preparation required for the contract.

Rockhill Greens Redevelopment, Targeted Brownfields Assessment – Kansas City, Missouri. Ms. Bahr is licensed in the state of Missouri as an asbestos inspector. Ms. Bahr was a part of a project team that completed a full hazardous materials survey on the approximately 100,000 square foot 7 building complex. The inspection started with a Phase I ESA, followed by a full asbestos, lead based paint and mold inspection. Potentially PCB containing caulking was sampled along with an inventory and categorization of all household hazardous waste in the buildings was completed. She also helped with the final deliverables preparation required for the contract.

Horace Mann School, Missouri Voluntary Cleanup Program – Kansas City, Missouri. Ms. Bahr is licensed in the state of Missouri as an asbestos inspector. She acted as an asbestos inspector and Missouri Air Sampling Technician for the contract. Ms. Bahr assisted in developing an Analysis to Brownfields Cleanup Alternatives (ABCA) to evaluate the remediation options (including costs) for the removal of the hazardous materials identified in the 3-Story 50,000 square foot building prior to the demolition activities. Ms. Bahr then assisted in developing a Remedial Action Plan (RAP) for the removal of the hazardous materials identified based on the preferred option listed in the ABCA. The ABCA and the RAP are the first steps in the process to complete the Missouri Brownfields Voluntary Cleanup Program (MBVCP), which is a Brownfields program in the State that provides funding for renovations projects. Ms. Bahr was part of the team that provided oversight, along with air monitoring and clearance sampling for the removal of the hazardous materials.

Indian Springs Mall Redevelopment, Targeted Brownfields Assessment – Kansas City, Kansas. Ms. Bahr is licensed in the state of Kansas as an asbestos inspector. He acted as an asbestos inspector for the contract. Ms. Bahr led a team that completed a full hazardous materials inspection on the 4 building complex, encompassing approximately 800,000 square foot. The inspection started with a Phase I and Phase II ESA, followed by a full asbestos, lead based paint and mold inspection. Potentially PCB containing caulking was sampled along with an inventory and categorization of all household hazardous waste in the buildings was completed. Ms. Bahr provided critical communication with the client.

KCMO Schools, Targeted Brownfields Assessment – Kansas City, Kansas

Ms. Bahr is licensed in the state of Missouri as an asbestos inspector. She acted as an asbestos inspector for the contract. Ms. Bahr led a team that completed a full hazardous materials inspection on four KCMO schools (Bryant, Blenheim, Graceland and 7 Oaks). The inspections started with a Phase I and Phase II ESA, followed by a full asbestos, lead based paint and mold inspection. Potentially PCB containing caulking was sampled along with an inventory and categorization of all household hazardous waste in the buildings was completed. Ms. Bahr provided critical communication with the client. She also wrote the final deliverables required for the contract.

Seven Oaks School Redevelopment Project – Kansas City, Missouri

Ms. Bahr is licensed in the state of Missouri as an asbestos inspector. She provided technical services for the contract. Ms. Bahr conducted Phase I ESA, Radon Testing and a Vapor Encroachment Screening for the 3-Story 40,000 square foot building in anticipation of renovations for senior housing at the site. Once this was complete, Ms. Bahr assisted in developing Bid Plans and Specifications for the remediation phases of the project, which included, asbestos, LBP and hazardous waste.

Environmental Assessment Services, City of Kansas City, MO, 63rd and Prospect Redevelopment Area, Kansas City, Missouri (2013-2014)

Ms. Bahr conducted asbestos inspections at over 100 former residential parcels in the 63rd and Prospect Redevelopment area. Tasks included obtaining soil samples, cataloguing household hazardous waste, and verifying parcel locations with a land survey. In addition, Ms. Bahr conducted DPT soil and groundwater sampling at several former commercial parcels.

Hazardous Materials Survey, Ford Motor Company Kansas City Assembly Plant and Stamping Plant, Claycomo, Missouri, 2013

Ms. Bahr was part of a team that conducted an asbestos inspection of 75% of the Ford Assembly Plant as well as the accessory and support buildings. Tasks included sampling plan development, sample collection and analysis, implementation of a material damage ranking, and field documentation. Ms. Bahr consolidated all the findings from the assessment into a report deliverable, which included sample results, interpretation, recommendations, and detailed figures. Ms. Bahr is currently on call for hazardous material sampling when the need arises for the client. Each year a re-inspection is performed at the plant to assess the damage of asbestos containing materials.

Hazardous Materials Survey – Hickam Air Force Base, Honolulu, Hawaii

Ms. Bahr assists the Program Manager, providing critical communication with the client in dealing with the lab results, billing issues and providing guidance in following all regulatory guidelines for the project. Ms. Bahr also directs field sampling teams collecting asbestos and lead based paint samples. She also currently writes and reviews the final deliverables required for the contract.

Stormwater Management**Stormwater Compliance Inspections, Kansas City Phase I, Phase II, and Lee's Summit Pipeline Replacement Project, Missouri Gas Energy, 2013-present**

Ms. Bahr is currently involved in assisting Missouri Gas Energy with maintaining compliance for erosion control along East 107th Street in Kansas City, Missouri. Tasks include checking silt fencing, silt socks, and other best management practices weekly and after rain events for integrity and compliance. Reports and photologs are generated after each inspection.

Stormwater Compliance Inspections, Ford Motor Company Kansas City Stamping Plant, Claycomo, Missouri, 2013-present

Ms. Bahr is currently involved in assisting Ford with maintaining compliance for erosion control and stormwater protection at Ford's Stamping Plant in Liberty, Missouri. Ms. Bahr inspects best management practices (BMP) in areas predisposed to erosion to determine if stormwater protection is adequate. An inspection report and photolog is generated after each inspection.

ADDITIONAL EXPERIENCE

MS Excel, MS Word, MS Outlook, MS PowerPoint, and ArcGIS

EMPLOYMENT HISTORY

2010 - Present Environmental Scientist, Tetra Tech, Kansas City, Missouri

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EXPERIENCE SUMMARY

Ms. Wood has a master's degree in geology and more than 19 years of consulting experience, including 14 years as an environmental consultant and more than 5 years as an information-systems consultant to state agencies. She has technical expertise related to groundwater quality evaluation, RCRA corrective action, RCRA compliance, RCRA and Superfund site assessment, Superfund hazard ranking documentation, hazardous waste management, and guidance and training development. Ms. Wood's experience as a consultant includes design and implementation of large systems, interviewing and training technical and non-technical personnel, and performing quality control reviews.

RELEVANT EXPERIENCE

EPA Experience

Compliance Evaluation Inspections of Hazardous Waste Facilities, Iowa, EPA Region 7. Under multiple awards of the REPA contract, Tetra Tech has assisted EPA Region 7 hazardous waste enforcement efforts across the state of Iowa. Currently manages the Iowa hazardous waste inspection task order on the REPA contract, worth more than \$1M. Oversees the work of as many as 10 inspectors to inspect as many as 100 facilities per year.

Generator, treatment, storage, and disposal facilities are inspected during unannounced site visits. Reviewed EPA files to prepare for site visit. Interviewed owners, operators, and facility representatives. Observed and documented facility operations, with a focus on waste management practices. Prepared reports of potential violations for EPA review. Collected samples for waste characterization analysis by EPA Region 7 laboratory.

Under multiple awards of the REPA contracts, Tetra Tech has assisted EPA Region 7 hazardous waste compliance assistance across the state of Iowa. High and junior high schools are inspected during announced site visits. Interviewed teachers, principals, and administrators. Observed and documented school operations, with a focus on laboratories and maintenance facilities. Provided school administrators with compliance assistance materials. Prepared reports of potential violations for EPA review.

RCRA Environmental Indicators Evaluation, EPA Region 7.

Environmental Indicators (EI) evaluations measure a RCRA corrective action facility's near-term progress toward annual cleanup targets for getting current human exposures controlled (form CA725) and migration of contaminated groundwater under control to minimize risk (form CA750). Ms. Wood managed the EI task order on the previous REPA contract. Completed CA725s and CA750s for facilities in Kansas, Missouri, Nebraska, and Iowa. Oversaw the completion of evaluations of 86 EIs at 45 facilities across the region, including recommendations for steps to meet 19 EIs. Reviewed

EDUCATION

M.S., Geology, University of Kansas, 2001

B.A., History, Trinity University, 1991

AREAS OF EXPERTISE

Hazardous Waste Compliance
RCRA Corrective Action
Hazardous Waste Permitting
Site Assessment
Due Diligence

REGISTRATIONS/ AFFILIATIONS

RG, Missouri (#2007006640)
PG, Nebraska (#G-0414)
LEED AP
At Large Member, Boulder County Resource Conservation Advisory Board

KEY TRAINING/ CERTIFICATIONS

40-hour OSHA HAZWOPER with 8-hour Refreshers
CPR and Standard First Aid
HAZWOPER Supervisor
EPA Confidential Business Information Training
Project Management 2
NETI Inspector

OFFICE

Kansas City, Missouri

YEARS OF EXPERIENCE

14

CONTACT

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documentation to establish levels and kinds of contamination, analyzed intensity and types of human exposures, and evaluated available groundwater gradient information. In order to meet an EPA internal goal for EI evaluations, mobilized a dozen staff members to complete 27 reports for 17 facilities in a single 3-month span.

Cost Estimate Reviews, EPA Region 7. Under the REPA contract, Tetra Tech has assisted EPA Region 7 with hazardous waste permitting for closure, post-closure, and corrective action. Ms. Wood managed Iowa cost estimate reviews for the previous REPA contract. As part of this assistance, Tetra Tech reviews the cost estimate for the financial assurance sections of closure, post-closure, and corrective action permit applications. Reviewed facilities' cost estimates and documented their assumptions. Used CostPro and RACER to create an independent cost estimate for each facility based on the facility's assumptions and documented any facility oversights. Compared the independent cost estimate to the facility estimate and reported any shortfalls.

Targeted Brownfields Assessments (TBA), EPA Region 7. Ms. Wood is a qualified environmental professional providing oversight and technical review of Phase I and II TBAs for EPA Region 7. Sites assessed under her review have included industrial, commercial, and multi-site subject properties.

Operations and Maintenance and Comprehensive Groundwater Monitoring Inspections, Iowa, EPA Region 7. Since the State of Iowa does not conduct inspections under the RCRA Program, Region 7 enters into a contract for the completion of RCRA Operation and Maintenance Inspections (OMI) and Comprehensive Groundwater Monitoring Evaluations (CME) in the State of Iowa. OMIs are conducted to determine the adequacy of the groundwater sampling, analysis, and well maintenance procedures employed at RCRA facilities after a land disposal facility has closed. CME inspections are conducted to ensure that groundwater monitoring systems are designed and function properly at RCRA land disposal facilities. CMEs include an assessment of site hydrogeological conditions and may include sampling and analysis of the facility's groundwater monitoring system. Managed the Iowa OMI and CME task order under the REPA contract, completing or supervision the completion of OMIs or CMEs at 10 Iowa facilities. Completed file review with the EPA project manager—reviewing and evaluating sampling and analysis plans, quality assurance project plans, the facility's operating record, and groundwater monitoring reports. After the document review, conducted a field evaluation of a facility's groundwater sampling event, documenting compliance with approved sampling procedures and the condition of the facility's monitoring wells and equipment. Prepared reports including an evaluation of groundwater gradients, recommendations and requirements for changes to the facility's groundwater monitoring plans and reports, and documentation of the facility's current groundwater conditions. CME reports also include aquifer cross sections and an evaluation of the adequacy of the facility's groundwater monitoring program.

Advanced Drainage Concepts/Green Solutions Project Support, Kansas City, Missouri, EPA Region 7. EPA's Office of Research and Development's (ORD) National Risk Management Research Laboratory is currently implementing a project to develop, implement and evaluate the use of advanced drainage concepts, particularly green infrastructure (GI) for combined sewer overflow control. As a component of the ORD study, the project team used the previous REPA contract vehicle to request the installation of various kinds of green infrastructure on commercial and residential properties in the same study area. Managed the implementation of advanced drainage concepts, including installation of rain gardens and rain barrels and disconnection of downspouts. Conducted public outreach to community and volunteers.

RCRA Facility Investigation (RFI) Oversight, Des Moines, Iowa, EPA Region 7. The John Deere Des Moines Works manufacturing facility near Des Moines, Iowa, is the subject of ongoing RCRA corrective action. Developed work plans and cost estimates. Evaluated the facility's RFI work plan and provided comments for improving the document to EPA. Managed project and prepared monthly status reports.

Corrective Measures Oversight, Kansas City, Kansas, EPA Region 7. The Harsco, Inc., facility in Kansas City, Kansas, is the subject of ongoing RCRA corrective action. Evaluated the facility's RFI results and CMS plan. Provided comments for improving the document to EPA. Managed project and prepared monthly status reports. Ms. Wood also supported the preparation of the administrative record for the statement of basis as part of ongoing corrective measures at Harsco Chemicals, Inc., in Kansas City, Kansas. Assembled documents related

to the initial Administrative Order on Consent, evaluated their relevancy to the ongoing proceedings and any potential enforcement sensitivity, and summarized their contents.

RCRA Programmatic Quality Assurance Project Plan, EPA Region 7. The programmatic Quality Assurance Project Plan (QAPP) is a document that was prepared at the beginning of the current and previous REPA contracts. It is used as the basis for QAPPs prepared for REPA work assignments, both for full project-specific QAPPs or as a reference document for short form project-specific QAPPs or sampling and analysis plans. Reviewed QAPPs from previous REPA contracts, current START contracts, and other sources and EPA guidance documents. Consolidated QAPPs and wrote additional material addressing new, contract-specific requirements.

Nitrate Initiative Report, EPA Region 7. The National Nitrate Compliance Initiative was an effort by the EPA to increase voluntary compliance in reporting among manufacturers who discharged incidentally-manufactured nitrates to surface water and land receptors. Incidentally-manufactured nitrates are those created during acid-neutralization procedures, especially in metal finishing and dairy industries. To showcase the success of this effort, a report was created to show the substantial increase in reported nitrate amount. Implemented required revisions, coordinated changes with all EPA regions, and updated data tables.

RCRA Closure Sampling, Kansas City, Kansas, EPA Region 7. The EPA Region 7 Laboratory formerly operated with a RCRA treatment, storage, and disposal permit. When the laboratory was scheduled to be moved to a new building, EPA was required to determine the nature and extent of contamination of soils and structural surfaces by hazardous wastes generated by the on-site laboratory and by waste samples and materials collected and stored onsite as a result of a variety of Superfund activities. Collected soil and dust samples for a range of contaminant types. Recorded and labeled 700 samples over 3 days. Prepared reports documenting sampling.

Hazard Ranking, Kansas, EPA Region 7. A former smelting facility in Kansas was the subject of an ongoing hazard ranking assessment for inclusion on the National Priorities List. Collected and assessed a range of related documents, including previous EPA and Kansas Department of Health and Environment assessments, private evaluations sponsored by the facility, and discovery documents generated by potential responsible parties. Wrote descriptions of the nature and extent of contamination and quantified the number of targets and the intensity of their exposure. Calculated a preliminary hazard ranking score.

Hazard Ranking, Nebraska, EPA Region 7. A grain elevator in Nebraska was the subject of an ongoing hazard ranking assessment for inclusion on the National Priorities List. Collected and assessed a range of related documents, including previous EPA and Nebraska Department of Environmental Quality assessments, private evaluations sponsored by the facility, and discovery documents generated by potential responsible parties. Wrote descriptions of the nature and extent of contamination and quantified the number of targets and the intensity of their exposure. Calculated a preliminary hazard ranking score.

Community Involvement Plan, Iowa, EPA Region 7. Hills, Iowa, is the site of perchlorate contamination in groundwater. Traveled to Hills with EPA representatives to interview community members and community leaders regarding EPA's involvement in Hills. Prepared a summary of these interviews and developed a community involvement plan based on the interviews.

Groundwater Investigation, Iowa, EPA Region 7 Hills, Iowa, is the site of perchlorate contamination in groundwater. Collected groundwater samples from private wells, Geoprobe borings, and temporary wells for perchlorate, volatile organic, and trace metal analysis. Oversaw a pump test to determine hydraulic conductivity of two aquifers. Managed project sampling teams. Acted as health and safety officer for the 10 person sampling team.

Spill Prevention Control and Countermeasures Inspections, western Nebraska, EPA Region 7. The Spill Prevention Control and Countermeasures (SPCC) act regulates the activities of petroleum storage and production facilities, with the goal of preventing contamination of rivers and streams. Thirty-two facilities in western Nebraska were inspected by three teams over a week. Photographed and documented violations of SPCC regulations.

Interviewed facility owners and operators. Reviewed SPCC plans. Prepared reports and photographic logs documenting inspections.

Expanded Site Investigation, North Platte, Nebraska, EPA Region 7. This investigation sought to identify the source of dissolved PCE and TCE found in domestic supply wells in the city of North Platte, Nebraska. Several current and former dry cleaners and railroad facilities were identified as the potential sources for the dissolved solvents. Selected sampling locations within potential source zones, collected soil and groundwater samples with a Geoprobe crew, assisted Geoprobe operators, and documented field activities.

Oversight of Field Activities at Superfund Sites, Missouri, EPA Region 7. Herculaneum, Missouri, is the location of an ongoing removal action related to contamination attributed to the Doe Run Lead Smelting facility. As part of the removal, Doe Run is removing contaminated exterior soil and contaminated interior dust from residential properties in the town. Ava, Missouri, is the location of the 12th Avenue Solvent site. Soils at this site have been contaminated with xylene and ethylbenzene. Oversaw and maintained a log of all excavation and cleanup activities. Collected confirmation samples of soil and house dust to verify clean-up levels. Collected samples of road dust to evaluate potential contamination from ore shipments. Obtained access agreements from residents.

Preliminary Assessments, Kansas and Nebraska, EPA Region 7. Preliminary assessments are the first step of CERCLA review. Reviewed the environmental history of a decommissioned Atlas missile silo in central Kansas and of a meat packing facility in northeastern Nebraska. Reviewed files available from the EPA regional office. Searched databases maintained by EPA, state geological surveys, the U.S. Census, and other state and federal government agencies. Interviewed officials from state and federal agencies. Assembled information describing potential contaminated media at the facility and possible contamination targets. Used EPA software to calculate a preliminary hazard ranking score.

Archive Site File Review, Kansas, Missouri, and Nebraska, EPA Region 7. Archive site file reviews are performed for sites that have come under the supervision of CERCLA, but for which no further action is expected. Reviewed EPA files for sites in Kansas, Missouri, and Nebraska. Prepared forms justifying the removal of the site from active CERCLA oversight.

Field Analytic Technologies Encyclopedia, Technology Innovation Office, EPA Headquarters. The Field Analytic Technologies Encyclopedia was developed to intended to provide information about technologies that can be used in the field to characterize contaminated soil and ground water. It is part of the EPA's CLU-IN effort, under the direction of its Technology Innovation Office. Researched and wrote encyclopedia articles about direct push sampling of groundwater, soil, and soil gas and direct push geotechnical sensors, including those developed for rotary hammer and cone penetrometer platforms. Prepared articles for web-publication.

RCRA Corrective Action Training, Technology Innovation Office, EPA Headquarters. Under its contract with the Technology Innovation Office, Tetra Tech was asked to prepare internal training modules for topics related to RCRA Corrective Action, in particular the use of institutional controls. Researched guidance and reviewed training materials. Developed PowerPoint presentations and presenter notes for training sessions.

Revision of CostPro Cost Estimating Software, Technology Innovation Office, EPA Headquarters. Under its contract with the Technology Innovation Office, Tetra Tech was asked to prepare update the CostPro cost estimating software, originally developed by Tetra Tech in the 1990s. Created spreadsheets documenting the previous versions calculations and assumptions. Designed data input screens. Participated in end-user research.

Other Government Experience

Remedial Investigations, Kansas, U.S. Army Corps of Engineers (USACE), Kansas City District, 2012 to present. The USACE is conducting remedial investigations (RI) at two former Atlas missile silo sites in eastern Kansas. Managed task orders under two joint venture HTRW contracts. Prepared quality plans, including

contractor quality control plans (CQCP) and unified federal policy quality assurance project plans (UFP-QAPP). Participated and led scoping meetings, including technical project planning (TPP) meetings attended by contractors, USACE personnel, and state regulators. Procured drilling and laboratory subcontractors that met all USACE safety, quality, and accounting requirements. Participated in site reconnaissance visits. Supervised install and sampling of monitoring wells; soil, sediment, surface water, and sump sampling. Prepared and revised RI reports that included baseline risk assessment.

Site Investigations, Nebraska, Nebraska Department of Environmental Quality (NDEQ). NDEQ has tasked Tetra Tech with investigation of a number of groundwater contamination sites in the state. Prepared work plans, cost estimates, and sampling plans for the site investigation. Supervised mobile laboratories and Geoprobe crews. Collected soil and groundwater samples from Geoprobe sample points and groundwater samples from drinking water wells. Collected access agreements from property owners. Interpreted analytical results and other documentation to develop recommendations for future action. Prepared preliminary hazard ranking system score for the site. Performed technical review of reports prepared by other investigators.

Operations and Maintenance Inspections, Nebraska, NDEQ. The Operations and Maintenance Inspection is a part of ongoing RCRA corrective action at a facility. These inspections were completed at multiple facilities in Nebraska for NDEQ. Oversaw sampling events and collected confirmation samples. Evaluated groundwater sampling and analysis plan, field procedures, documentation, and quality control measures. Compared procedures to accepted professional guidelines. Made recommendations to improve quality of samples and clarity of documentation.

Comprehensive Monitoring Evaluation, Nebraska, NDEQ. The Comprehensive Monitoring Evaluation (CME) is a part of ongoing RCRA corrective action at a facility. CMEs were completed at multiple facilities in Nebraska for NDEQ. Oversaw sampling events. Evaluated groundwater sampling and analysis plan, field procedures, documentation, and quality control measures. Reviewed previous reports and descriptions of groundwater contamination. Compared procedures to accepted professional guidelines. Evaluated the adequacy of the facility's characterization of groundwater contamination and its ability to contain contaminated groundwater on its property.

TBAs, NDEQ. Ms. Wood is a qualified environmental professional providing oversight and technical review of Phase I and II TBAs for NDEQ. Sites assessed under her review have included industrial, commercial, and multi-site subject properties.

Waste Tire Market Development Plan, Colorado Department of Public Health and Environment (CDPHE) - Ms. Wood is assisting CDPHE with implementation of its Waste Tire Market Development Plan. The goal of the project is implement the Waste Tire Market Development Plan that was completed in May 2013. The project includes coordinating a statewide conference, technical trainings, technical assistance and identification, and cleanup of waste tire piles.

Voluntary Cleanup Guidance, Nebraska, NDEQ. NDEQ is developing guidance materials for its voluntary cleanup program. The guidance will include information to help facility owners and operators and their consultants conduct investigations and cleanup their properties. Reviewed federal and state guidance documents. Assembled investigation and cleanup checklists from variety of sources. Prepared an annotated bibliography of relevant sources. Wrote guidance material for investigation and remedial action.

Implementation of Strategic Long-term Solid Waste Management Plan, City of Kansas City Missouri. Ms. Wood was part of the team assisting the City with the procurement and construction of the EcoCenter materials recovery facility. The team is executing procurement—from drafting the request for proposals through evaluation of submittals—for the financing, design, construction, and operation of the Kansas City Eco Center, a solid waste recovery and processing facility, transfer station, office space, and educational center prescribed to address rapidly depleting landfill space within the region.

Smart Growth Training Materials, City of Kansas City Missouri. “Smart growth” is sustainable development that focuses on how and where new development should be accommodated in order to build strong neighborhoods, promote economic development, provide families a clean and healthy environment, and offer transportation choices. Tetra Tech was chosen to support the City of Kansas City in implementing a grant received by the City from EPA. Researched development case studies, target audiences, and growth principles. Interviewed developers and property owners. Participated in and facilitated focus group and roundtable meetings. Developed high quality outreach materials using Microsoft Publisher.

Groundwater Sampling, Alaska, National Oceanic and Atmospheric Administration (NOAA). NOAA has operated several facilities in the Pribilof Islands, including some that had leaking underground storage tanks. Collected groundwater samples for volatile organic compounds, semivolatile organic compounds, and hydrocarbons from a range of depths using a variety of pumps. Documented well conditions. Measured water levels.

Archeological Evaluation, Kansas, General Services Administration (GSA). GSA was disposing of the real property at the Sunflower Army Ammunition Plant in DeSoto, Kansas. As part of the disposal process, GSA must show that no cultural resources will be damaged by the property transaction. Procured subcontractors, including archeologists, heavy equipment operators, and NEPA specialists. Prepared and distributed project reports and notices for public interest groups. Oversaw soil survey to document areas of disturbance. Managed project budgets and schedules.

Bioterrorism Preparedness Assessment, Iowa, Iowa Department of Public Health (IDPH). IDPH, with a grant from the Centers for Disease Control, contracted Tetra Tech to conduct a comprehensive assessment of the state’s preparedness for a bioterrorism event or infectious disease outbreak. This assessment was followed by a reassessment 10 months later. Developed survey questions. Conducted pilot tests for hospitals, local public health agencies, and emergency medical services. Visited about 30 sites over a two week period. Managed survey teams. Answered user questions about the online survey content and procedure. Wrote reports, prepared diagrams, and drafted tables.

Phase II Environmental Site Assessment (ESA), 7117-7125 Prospect, City of Kansas City, Missouri. The location is a former dry cleaning business that is the site of future commercial real estate development. Performed Phase II ESA for the City of Kansas City, Missouri. Reviewed data quality, created isoconcentration maps for soil concentrations of PCE and TCE, and wrote the ESA report for the city. As part of ongoing development plans, investigated disposal options, including estimating contaminated volume, researching landfill requirements, and contacting waste disposal facilities.

Private Client Experience

Corrective Action and Permit Support, Explosives Manufacturer, Kansas. Ms. Wood has supported the ongoing corrective action and permitting at an ammunition plant in Kansas, in particular the preparation of a permit application for the operation of a hazardous waste container storage facility and an open detonation grounds. She prepared the closure and post-closure plan and the cost estimate for financial assurance. Ms. Wood also prepared the groundwater monitoring plan that supported the closure plan. In addition to permit application, Ms. Wood also provided general support for ongoing corrective action. She researched regulations related to management, disposal, and treatment of construction debris potentially contaminated with polychlorinated biphenyls (PCB) and prepared correspondence asking for exemptions and permits for submission to Kansas Department of Health and the Environment (KDHE).

Permit Support, Hazardous Waste Management Company, Nationwide. Ms. Wood has prepared, or assisted the preparation of, hazardous waste permits for a hazardous waste collection company for its facilities in Maryland, New Hampshire, Connecticut, and Indiana. She drafted closure plans and closure cost estimates for each facility. Ms. Wood also prepared exception requests for some closure provisions that did not apply to the client facilities.

Hazardous Waste Compliance Assistance and Training, Automobile Auction Corporation, Nationwide. Ms. Wood provides environmental compliance support for an automobile auction corporation with facilities nationwide. Services have included preparation and delivery of annual and initial training; preparation of contingency plans; preparation and submission of annual reports; procurement of disposal contractors; oversight of waste management and collection; and response to inspection findings.

Permit Support, Airline, Georgia and Mountain West. The client operates a large maintenance facility at the Hartsfield-Jackson International Airport and is in the process of closing its hazardous waste storage facility. Prepared a closure sampling plan. Documented already completed closure activities. For the same airline, conducted hazardous waste compliance audits at maintenance facilities in the Mountain West, including assessments of compliance and recommendations for addressing deficiencies.

Hazardous Waste Compliance Assistance, Mining Corporation, New Mexico. Ms. Wood serves provides waste management compliance support for wastes generated during the closure of a mine in New Mexico. Services have included preparation of waste management plans; review and preparation of waste characterization procedures; and regulatory review and summary.

Post-Closure and Corrective Action Assistance, Metal Casting Company, Missouri. The client produces bushings and bearings of sintered metal. Under the conditions of its Missouri Hazardous Waste Management Facility Permit, the facility is required to prepare an annual groundwater corrective action report based on semiannual groundwater monitoring. Ms. Wood has assisted the facility in preparing an application for the renewal of its hazardous waste permit, including preparation of a post-closure plan and cost estimate. She also supports the facility in its ongoing groundwater monitoring, including preparation of the semiannual and annual groundwater reports.

Permit Application and Facility Assessment Support, Petroleum Refinery, Texas. The refinery is primarily involved with manufacture of specialty chemicals including organosulfur compounds, high purity hydrocarbons, specialty fuels, and polyphenylene sulfide, an engineering plastic. Assisted preparation of a permit application for RCRA postclosure care at the facility in accordance with the RCRA requirements at 40 CFR Parts 264 and 270. Prepared RCRA Facility Assessments (RFA) for newly identified releases.

SPCC and Stormwater Management (SWM) Plans, Quarrying Company, Colorado. As a result of a property acquisition of quarrying and asphalt properties in Colorado, Tetra Tech was tasked to update facilities' SPCC and SWM plans. Developed templates for planning documents. Reviewed permits, historical plans, and site reconnaissance documentation. Wrote plans for facilities.

Due Diligence, Quarrying Company, Colorado. Ms. Wood was the qualified environmental professional providing technical review for the due diligence related to the sale of more than 40 quarrying and ready-mix concrete sites in Colorado.

Due Diligence, Facilities Management Company, Nationwide. Ms. Wood was the qualified environmental professional providing technical review for the due diligence related to a real estate transaction of more than 25 bank branches.

Spill Response and Cleanup, Trucking Insurance Company, Colorado. Ms. Wood provided spill response and cleanup support for a 2,400-gallon diesel spill resulting from a tanker truck accident. The release occurred in a remote area and impacted the roadway and adjacent shoulder areas. Prepared remediation summary report and stream monitoring plan and submitted to Colorado Department of Health and Public Environment (CDPHE). Currently awaiting agency comments on deliverables and to implement the proposed stream monitoring activities.

Strategic Solid Waste Plan, Confidential Client. A confidential private client requested a white paper concerning potential expansion or creation of a variety of different solid waste disposal facilities at its facility. Tetra Tech's analysis included the regulatory framework for disposal facilities, a market analysis of current disposal conditions, and identification of key stakeholders. Reviewed and summarized local, state, and federal

regulations for the disposal and management of municipal solid waste, construction and demolition waste, and hazardous waste. Prepared disposal recommendations and identified benefits and pitfalls of all waste disposal options.

Compliance Assistance, Redevelopment of Ammunition Plan, Kansas. The client began remediation at the former ammunition plant in Kansas. Ms. Wood also served as the contract manager for the Tetra Tech EMI team at and oversaw finances for the \$1.5M contract. Environmental compliance issues related to pesticide application, management of asbestos containing material, permit and consent decree provisions, overlapping jurisdictions, and financial assurance have arisen during the corrective action at this complex site. Ms. Wood served as part of a steering committee preparing white papers for a team consisting of the developer, the developer's internal counsel, and its subcontractors to clarify the regulatory framework and make recommendations for future action.

For this facility, the client also requested a Class 2 hazardous waste permit modification to add staging piles for management of remediation wastes generated during corrective action activities. Participated in scoping meetings with the client's contractors and subcontractors. Drafted permit modification application and revised based on preliminary meetings with federal and state regulators. Participated in and facilitated public meetings.

Due Diligence, Grain Elevator Company, Nationwide. Ms. Wood was the qualified environmental professional providing technical review for the due diligence related to the sale of 16 grain elevator sites in Texas, Illinois, Tennessee, and Mississippi.

Compliance Assistance, Parcel Delivery Company, Nationwide. As part of its ongoing environmental compliance efforts, the client requested that Tetra Tech provide a break-down of waste management regulations for the State of California. Researched California hazardous, solid, and special waste regulations. Prepared waste management guidelines.

Phase I ESA, Explosives Manufacturer, Kansas. The client requested these services in response to a Kansas Department of Health and Environment (KDHE) finding that contamination from previous owners persists on the property. Conducted an ASTM-standard Phase I ESA at the Energetics unit, focusing on areas that may have resulted in soil or groundwater contamination with perchlorate, fuel oil, or other hazardous constituents. Conducted the site walk and interviews with facility representatives. Documented observations with photos and field notes.

Phase I ESA and Visual Site Inspections, Cellular Telephone Company, Nationwide. These sites were potential locations for Verizon cellular telephone antennae. The antennae would be located on a variety of pre-existing structures or constructed on undeveloped land. Phase I ESAs were conducted at locations where new antennas or equipment sheds were to be built. Visual Site Inspections were conducted in locations where equipment sheds were to be expanded. Researched local geology, hydrogeology, and hydrology, interviewed site users and adjacent property managers, and investigated any possible recognized environmental conditions.

SCIENTIFIC/TECHNICAL PUBLICATIONS

Wood, H.K. and G.L. Macpherson. 2005. "Sources of Sr and implications for weathering of limestone under tallgrass prairie, northeastern Kansas." Applied Geochemistry. 20. pp. 2325-2342.

ADDITIONAL TRAINING/CERTIFICATIONS

RCRA Corrective Action (2002)

Planning for Quality Project Management Training (2002)

Technical Writing (2003)

ADDITIONAL EXPERIENCE

CostPro

Microsoft Publisher

Word Processing Superuser

EMPLOYMENT HISTORY

2001 - Present	Environmental Consultant, Tetra Tech, Inc., Kansas City, MO
1998 – 2001	Teaching Assistant, University of Kansas, Lawrence, KS
1991 – 1996	System Design Consultant, Andersen Consulting, Austin, TX