

Decommissioning Plan

Ben French Combustion Turbines and Diesel Generators

January 2026



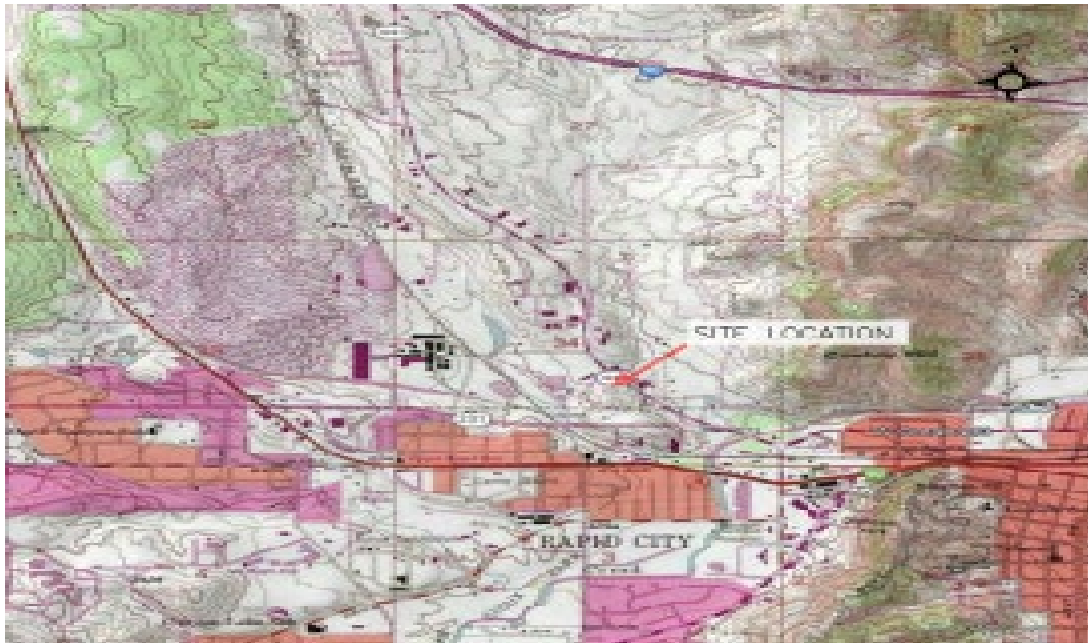
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1.0 Plan Overview

Black Hills Power Ben French Combustion Turbines (CT's) and Diesel Units located at 409 Deadwood Avenue Rapid City, SD 57702 and are reaching the end of their useful life and will be retired after 2027 when Lange II begins commercial operation. Black Hills Power retained West Peak Energy, LLC to conduct a study to evaluate the Ben French unit retirement and placement. The study reviewed the option of sustaining operation of the existing Ben French units or replacing the operation with the Lange II Project. The summary recommendation by West Peak Energy, LLC is that Lange II provides significant benefits to Black Hills Power as compared to continued operation of the vintage Ben French units.

Site Location map:



2.0 Plan Objective

The plan objective is to retire the Ben French units in 2027 and begin decommissioning them in Fall of 2027. Operating the Ben French units through 2027, versus beyond 2027, optimizes the costs to customers by reducing the need for future capital and major maintenance. By operating the Ben French units beyond 2027, the West Peak Energy Study estimated that Black Hills Power would need an additional \$54.1 million of capital investment to ensure reliability beyond

2027. The capital investment required beyond 2027 includes investment for gas turbines and electrical equipment. For gas turbines, significant turbine upgrades would be required for gas path components, exhaust stacks, air inlet coolers, and the gas turbine rotor and compressor. For electrical equipment, the generators and transformers would need to be rewound. New generator breakers and electrical switchgear would need to be upgraded. All the safety protective relaying would need to be upgraded, and fuel system upgrades would also be required.

The Ben French units are currently relied on as the designated “black start” units. Black start units are expected to generate electricity when the entire grid is shutdown from an emergency blackout event like the recent event that occurred November 13, 2025. The black start generating unit is the first unit to start following a blackout event because it does not require an external power source. Once the black start unit is online, customer load is gradually restored to stabilize and ensure full grid reliability.

Further, the Ben French units are not currently supported by the original equipment manufacturer. Maintenance services are completed by third parties without technical support from the manufacturer. Parts that need replacement cannot be procured from the manufacturer and therefore require reverse engineering from a third-party manufacturer without the quality requirements. Because the original equipment manufacturer no longer supports these units, it is nearly impossible to provide quality operation and maintenance training.

The Ben French units are critical for reliability and their replacement with the proposed RICE units (Lange II Project) will modernize this capability with dual-fuel and black start. The fuel efficiency of the Lange II Project is measured by heat rate. The Lange II Project heat rate of 8,600 Btu’s/kwh will be more fuel efficient than the existing Ben French units, which has a 5-year average heat rate of 17,200 Btu’s/kwh. The Lange II Project will produce half the air emissions per kilowatt hour as compared to the existing Ben French units and be twice as fuel efficient. Modernizing these black start units with the Lange II Project, will improve resiliency by reducing the risk of critical generator failures and continue to ensure reliability of energy supply to customers.

The following map of the site shows the locations of natural gas generator (CT’s), diesel generators and diesel storage tanks:



3.0 Plan Schedule

Upon receiving regulatory approvals, Black Hills Power plans to prepare a scope of work for a competitive bid solicitation. The scope will utilize the bid format shown in the appendix and require the bidders to consider all on the environmental hazards identified in the Phase I and II Environmental Assessments which are included in the appendix. The milestone times lines for this process are as follows:

- Q4 2026 Final Technical Scope Prepared
- Q1 2027 Finalize Bidders List and Issue RFP
- Q2 2027 Award Bid
- Q4 2027 Issue Notice to Proceed with Decommissioning

Appendix A

Bid Proposal Format

Ben French Decommissioning Bid Proposal Format

BIDDER'S NAME					Black Hills Power, Inc.
					(Hereinafter referred to as "Owner")
Specification No. XX.XXXX				Subject:	Power Plant Decommissioning Projects
				Facilities:	Ben French Gas Turbines (Rapid City, South Dakota)
					Ben French Diesel Generators (Rapid City, South Dakota)

FORM OF PROPOSAL

1. COMMUNICATIONS.

Communications concerning this Proposal shall be addressed to the Bidder as follows:

[Bidder's Contact Name] _____

[Address] _____

[Address] _____

[City, State, Zip] _____

Phone No. _____

Cellular Phone No. _____

Fax No. _____

E-mail address _____

2. PRICING.

All pricing shall be submitted in the following format. Any price quotes not provided or not specifically itemized in the following format may be disqualified. Any exceptions or clarifications to the pricing shall be described in the Commercial and Technical Exception section.

2.1 Total Firm Lump Sum Price

The firm Lump Sum Price to complete the Work for ALL Facilities is: \$ _____
The firm Lump Sum Price to complete the Work for each Facility follows and shall total to equal the above value.

Item#	Facility	Lump Sum Price
2.1.1	Ben French Gas Turbines	\$
2.1.2	Ben French Diesel Generators	\$
	Total	\$

2.2 Price Breakdown

To facilitate bid evaluations and proper internal accounting, the Bidder shall provide price breakdown information for each Facility. The total price breakdown for each Facility shall equal the Lump Sum Price amount stated above.

Note: For Facilities with more than one generating unit, common items are those Facilities which are not specifically associated with a specific unit, such as coal yard, cooling water intake, etc.

2.2.1 Ben French Gas Turbines

Description	Unit 1-4	Total
Demolition Mobilization/ Preparation/Temporary Services		
Scaffolding Worker Access		
Asbestos Abatement		
Lead Abatement		
PCB Abatement		
Mercury Containing Device Abatement		
Demolition per breakout below		
Transformers Units 1-4		
Control Houses Units 1-4		
Gas Turbine exhaust stacks		
Gas turbines		
Generators		
Associated piping and electrical raceways		
Foundations to below grade per specifications		
Fire Valve & Control (Remove Equip, Demo steel, process steel, Demo concrete, Load waste debris, transport)		
Other out-buildings		
Other/Balance of Demolition (Contractor to list remaining major item breakout)		
Other Environmental Abatement		
Backfill /Grade/ Landscaping Per SWMP		
Ongoing Environmental Monitoring during Demolition		
Management		
Engineering		

Description	Unit 1-4	Total
Project Expenses		
Shared Heavy equipment		
Small Tool		
Utility		
Permits		
Contractor Fee		
Contractor's Insurance excluding Pollution Liability in accordance to Exhibit 10 Section 7 in the Decommissioning Construction Agreement		
Contractor's Pollution Liability Insurance - \$10 Million in accordance to Exhibit 10 Section 7 in the Decommissioning Construction Agreement		
Subtotal		
Contingency		
Project total (before Asset Recovery Credit)		
Asset Recovery Credits		
Scrap Credit		
Equipment Credit (including sub-price breakdown in Section 2.4		
Total Firm Lump Sum Price		
T&M for in-situ remediation (break out by discipline)		
T&M for other work		
Concrete demolition (\$/ton)		
Grading (\$/yd3)		
UG pipe removal (\$/linear foot and pipe size)		
Asbestos (\$/ton)		
Lead (\$/yd3 or \$/ton)		
Other (TBD)		
Impacted soil excavation (\$/yd3)		
Labor and equipment rate schedule		

2.2.2 Ben French Diesel units

Description	Units 1-5	Total
Demolition Mobilization/ Preparation/Temporary Services		
Scaffolding Worker Access		
Asbestos Abatement		
Lead Abatement		
PCB Abatement		
Mercury Containing Device Abatement		
Demolition per breakout below		
Diesel Generation Sets (units 1-5)		
Transformers		
Utility Disconnects (Sewer, Water, Storm only		
Remove Equip, Demo steel, process steel, Demo concrete, Load waste debris, transport		
Diesel Storage Tanks		
Removal of raceways/pumps/piping		
Site Cleanup		
Foundations to below grade per specifications		
Fire Valve & Control (Remove Equip, Demo steel, process steel, Demo concrete, Load waste debris, transport		
Other out-buildings		
Other/Balance of Demolition (Contractor to list remaining major item breakout)		
Other Environmental Abatement		
Backfill /Grade/ Landscaping Per SWMP		
Ongoing Environmental Monitoring during Demolition		
Management		
Engineering		

Description	Units 1-5	Total
Project Expenses		
Shared Heavy equipment		
Small Tool		
Utility		
Permits		
Contractor Fee		
Contractor's Insurance excluding Pollution Liability in accordance to Exhibit 10 Section 7 in the Decommissioning Construction Agreement		
Contractor's Pollution Liability Insurance - \$10 Million in accordance to Exhibit 10 Section 7 in the Decommissioning Construction Agreement		
Subtotal		
Contingency		
Project total (before Asset Recovery Credit)		
Asset Recovery Credits		
Scrap Credit		
Equipment Credit (including sub-price breakdown in Section 2.4		
Total Firm Lump Sum Price		
T&M for in-situ remediation (break out by discipline)		
T&M for other work		
Concrete demolition (\$/ton)		
Grading (\$/yd3)		
UG pipe removal (\$/linear foot and pipe size)		
Asbestos (\$/ton)		
Lead (\$/yd3 or \$/ton)		
Other (TBD)		
Impacted soil excavation (\$/yd3)		
Labor and equipment rate schedule		

2.3 Price Breakdown per FERC Accounts

To facilitate proper regulatory accounting, the Bidder shall provide price breakdown pricing per FERC account for each Facility. The total price breakdown for each Facility shall equal the Lump Sum Price amount stated above.

Item#	Description	Sub-Price Breakdown
2.3.1	Ben French CT's Units 1 to 4	
2.3.1.1	Buildings & Structures	
2.3.1.2	Generators	
2.3.1.3	Turbines	
2.3.1.4	Electrical	
2.3.1.5	Miscellaneous	
	Total 2.3.1 Ben French CT's	
2.3.2	Ben French Diesel Units 1 to 5	
2.3.2.1	Buildings & Structures	
2.3.2.2	Generators	
2.3.2.3	Turbines	
2.3.2.5	Electrical	
2.3.2.6	Miscellaneous	
	Total 2.3.2 Ben French Diesel Units 1 to 5	

2.4 Sub-Price Breakdown for Asset Recovery

Total presented below shall equal the line item stated above for Asset Recovery Credits for each Facility.

Item #	Description	Sub-Price Breakdown
2.4.1	Ben French CT's	
	Major Equipment	
	Turbine	
	Generator	
	Generator Step-up Transformer (GSU)	
	Ferrous Materials	
	Non-Ferrous Materials	
	Other <i>(Please List)</i>	
	Total 2.4.1 Ben French CT's Asset Recovery	
2.4.2	Ben French Diesels	
	Major Equipment	
	Turbine	
	Generator	
	Pumps	
	Tanks	
	Generator Step-up Transformer (GSU)	

Item #	Description	Sub-Price Breakdown
	Ferrous Materials	
	Non-Ferrous Materials	
	Other (Please List)	
	Total 2.4.2 Ben French Diesel's Asset Recovery	
2.4	TOTAL Lump Sum Price	

2.5 Security Instrument Pricing

Bidder shall provide pricing for securities in accordance to the following table. Such costs shall be in addition to the Lump Sum Price

Security Instrument	Add	
Ben French CT's and Diesel Units		
Performance and Payment Bond	\$	
Cost basis: \$ per thousand dollars		

2.6 Option Pricing

2.6.1 Bidder Provided Option Pricing

List any Bidder proposed pricing options and cost additions/deducts for each proposed option. Attach detailed explanations on a separate sheet titled "Options".

3. PROJECT TEAM.

Please provide the following items with your proposal.

3.1 Project Organization Chart

3.2 Resumes

3.3 Project Team Labor Forecast

Submit estimated construction hours for each Facility in/on the following format. Any exceptions or clarifications to the estimates shall be described on an attached sheet.

3.3.1 Ben French CT's

Item	Category	Hours
1.	Direct Field Labor	
2.	Construction Management/Field Supervision <i>[List by position]</i>	
	Project Manager	
	Construction Manager & Other Field Personnel	
	Site Safety and Health Officer	
	Certified Industrial Hygienist	
	Certified Hazardous Materials Manager	
	Scheduler	
	Quality Assurance/Quality Control	
	Other <i>[Please List]</i>	
3.	Subcontracted Construction <i>[List by Subcontractor]</i>	

3.3.2 Ben French Diesel Units

Item	Category	Hours
1.	Direct Field Labor	
2.	Construction Management/Field Supervision <i>[List by position]</i>	
	Project Manager	
	Construction Manager & Other Field Personnel	
	Site Safety and Health Officer	
	Certified Industrial Hygienist	
	Certified Hazardous Materials Manager	
	Scheduler	
	Quality Assurance/Quality Control	
	Other <i>[Please List]</i>	
3.	Subcontracted Construction <i>[List by Subcontractor]</i>	

3.4 Licenses

Bidder shall submit list of licenses (state, county, local) required by the Contractor and individuals to complete the Work for each Facility. Include license numbers including expiration dates. Insert list here:

3.5 Monthly Labor Projections

The Bidder shall provide the projected labor and supervision personnel expected to be on Site during the project construction.

3.5.1 Ben French CT's

Month-year	Direct Labor FTE (Full Time Equivalent)	Supervision Labor FTE	Sub-Contract Labor FTE	Total Personnel on Site FTE
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				

3.5.2 Ben French Diesel Units

Month-year	Direct Labor FTE (Full Time Equivalent)	Supervision Labor FTE	Sub-Contract Labor FTE	Total Personnel on Site FTE
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				
TBD				

3.6 Labor Market

Insert labor market narrative as requested in the Instructions to Bidders.

3.7 Surety Letter of Intent

Bidder shall provide a letter of intent from their Surety containing a general reference specifying that they have underwritten bonds for them in the past and would likely do so again.

4. SUBCONTRACTORS AND VENDORS.

List all subcontractors or vendors the Bidder proposes to utilize for asbestos abatement, lead abatement, landfill(s) and any other work or services for each Facility.

4.1 Ben French CT's

Item(s) or Work to be subcontracted	Subcontractor or Vendor	Value	Prior Experience with Subcontractor or Vendor
<i>Asbestos Abatement</i>			
<i>Lead Abatement</i>			
<i>Mercury Containing Devices</i>			
<i>PCB Abatement</i>			

4.2 Ben French Diesel Units

Item(s) or Work to be subcontracted	Subcontractor or Vendor	Value	Prior Experience with Subcontractor or Vendor
<i>Asbestos Abatement</i>			
<i>Lead Abatement</i>			
<i>Mercury Containing Devices</i>			
<i>PCB Abatement</i>			

5. MATERIALS/COMMODITIES.

Submit estimated material/commodities quantities in/on the following format for each Facility. Any exceptions or clarifications to the estimates shall be described on an attached sheet.

Item	Category	Quantity
5.1 Ben French CT's		
5.1.1.	Ferrous Metals (<i>Gross Tons</i>)	
5.1.2.	Non-Ferrous Metals (<i>lbs</i>)	
5.1.3.	Concrete (<i>tons</i>)	
5.1.4.	Asbestos (<i>tons</i>)	
5.1.5.	Excavated Soil (<i>CY</i>)	
5.1.6.	Backfill & Grading (<i>CY</i>)	
5.1.7.	Copper wiring (Tons)	
5.2 Ben French Diesel Units		
5.2.1.	Ferrous Metals (<i>Gross Tons</i>)	
5.2.2.	Non-Ferrous Metals (<i>lbs</i>)	
5.2.3.	Concrete (<i>tons</i>)	
5.2.4.	Asbestos (<i>tons</i>)	
5.2.5.	Excavated Soil (<i>CY</i>)	
5.2.6.	Backfill & Grading (<i>CY</i>)	
5.2.7.	Copper wiring (Tons)	

6. EQUIPMENT.

If the information changes then provide as applicable.

- 6.1** Provide a list of all equipment Bidder intends to utilize for each Facility to complete the Work.

- 6.2** Provide a list of equipment rental rates for each Facility, with or without operator where applicable, for all equipment proposed for use on the Project.

7. WORK SCHEDULE.

The Bidder's Level 2 Work Schedule shall be completed and submitted for each Facility with the Proposal as described in the Instructions to Bidders.

8. PAYMENT SCHEDULE.

- 8.1** Insert Bidder's proposed Payment Schedule for each Facility.

- 8.2** Maximum Drawdown Schedule.

Bidder shall complete the following maximum drawdown schedule tables for each Facility.

8.2.1 Ben French CT's

MAXIMUM DRAWDOWN SCHEDULE.

	Month-Year	Percent of Total	Cumulative % of Total
Mobilization	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
Demobilization	<i>TBD</i>	10%	95%
Final Acceptance	<i>TBD</i>	5%	100%

8.2.2 Ben French Diesels

MAXIMUM DRAWDOWN SCHEDULE.

	Month-Year	Percent of Total	Cumulative % of Total
Mobilization	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
	<i>TBD</i>		
Demobilization	<i>TBD</i>	10%	95%
Final Acceptance	<i>TBD</i>	5%	100%

9. WORK PLANS.

Bidder shall provide a work plan for each Facility with its Proposal in accordance with the Instructions to Bidders.

10. COMMERCIAL AND TECHNICAL EXCEPTIONS.

Bidder accepts the terms and conditions of the enclosed Decommissioning Construction Agreement and related Exhibits.

☐ Yes

☐ No

If “No”, attach Table of Exceptions as required in the Instructions to Builders.

Bidder accepts the technical requirements contained in the Proposal Documents.

☐ Yes

☐ No

If “No”, attach Table of Exceptions as required in the Instructions to Bidders.

11. PROPOSAL CHECKLIST.

The following list summarizes the information and documents, which shall become part of the Proposal. The Bidder shall complete this checklist indicating whether the information and documents are actually included in the Proposal. Expand the Proposal Checklist as necessary to address all Facilities.

Proposal Checklist	Bidder Response			
Documents or Information				
Bidder contact information is provided	☐	Yes	☐	No
Proposal pricing is provided in requested format	☐	Yes	☐	No
Bidder has included project organization chart, resumes, and project team labor forecast	☐	Yes	☐	No
Bidder has provided the list of licenses required by the Contractor and individuals to complete the Work	☐	Yes	☐	No
Bidder has provided monthly labor projections	☐	Yes	☐	No
Bidder has provided labor market narratives	☐	Yes	☐	No
Subcontractors and vendors information is provided	☐	Yes	☐	No
Estimated material/commodities quantities information is provided	☐	Yes	☐	No
List of equipment Bidder intends to utilize is provided	☐	Yes	☐	No
List of equipment rental rates is provided	☐	Yes	☐	No
Level 2 work schedules are provided	☐	Yes	☐	No
Payment schedules are provided	☐	Yes	☐	No
Maximum drawdown schedules are provided	☐	Yes	☐	No
Bidder has provided the proposed Work Plan as requested	☐	Yes	☐	No
Commercial and Technical Exceptions are noted	☐	Yes	☐	No
Bidder Quality Assurance / Quality Control program is provided	☐	Yes	☐	No
Bidder's outline of safety program, and copies of training and safety manuals or programs, including records of training and accidents, are provided	☐	Yes	☐	No
A completed "Supplier Questionnaire" is provided	☐	Yes	☐	No
Receipt of addenda is noted	☐	Yes	☐	No
Proposal is valid until September 1, 2027	☐	Yes	☐	No
Letter of Intent from Bidders Surety Company	☐	Yes	☐	No

12. REPRESENTATIONS AND SIGNATURES.

In submitting this Proposal, Bidder represents that:

- 12.1** Bidder has examined and carefully studied the Proposal Documents, and the following Addenda, receipt of all of which is hereby acknowledged:

Addenda Number	Date

- 12.2** Bidder is familiar with and is satisfied as to the Applicable Legal Requirements that may affect cost, progress, performance, and furnishing of the Work.
- 12.3** Bidder has given Owner written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Proposal Documents, and the written resolution thereof by Owner is acceptable to Bidder.
- 12.4** The Proposal Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the demolition for which this Request for Proposal was submitted.
- 12.5** This Proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Proposal; Bidder has not solicited or induced any person, firm, or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

The undersigned hereby declares that only the persons or firms interested in the Proposal as principal or principals are named herein, and that no other persons or firms that are herein mentioned have any interest in this Proposal or in the contract to be entered into; that this Proposal is made without connection with any other person, company or parties likewise submitting a Proposal for this Work, and that it is in all respects for and in good faith, without collusion or fraud.

The undersigned hereby certifies that all conflicts and exceptions have been noted or listed.

If this Proposal is accepted and is determined by the Owner to merit an award, the undersigned hereby agrees to enter into a contract. The undersigned further agrees that work will be prosecuted to completion in accordance with the specified schedule.

12.6 BIDDER ACKNOWLEDGES AND AGREES THAT THE EQUIPMENT AND MATERIAL REMOVED FROM EACH FACILITY ARE SOLD “AS IS” AND “WITH ALL FAULTS” AND THERE IS NO WARRANTY EITHER EXPRESS OR IMPLIED, AS TO MERCHANTABILITY OR FITNESS OF THE EQUIPMENT OR MATERIAL FOR ANY PARTICULAR PURPOSE. BIDDER ACKNOWLEDGES IT HAS READ AND UNDERSTANDS THIS OWNER’S WARRANTY DISCLAIMER.

PROPOSAL SUBMITTED ON _____ , 20 _____ .

Bidder: _____

By: _____
(signature)

Name and Title: _____ Date: _____

State of
Incorporation: _____

Business
Address: _____

Business Phone: _____ Fax Number: _____

Address of Principal Office: _____

Appendix B

Phase I Environmental Assessment



**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD 57702

AET Project No. P-0039055

Date:
April 11, 2025

Prepared for:
Black Hills Corporation
7001 Mount Rushmore Road
Rapid City, SD 57702

Geotechnical • Materials
Forensic • Environmental
Building Technology
Petrography/Chemistry

American Engineering Testing
550 Cleveland Avenue North
St. Paul, MN 55114-1804
teamAET.com • 800.972.6364



April 11, 2025

Black Hills Corporation
7001 Mount Rushmore Road
Rapid City, SD 57702

Attn: Kristi Chamley
Senior Environmental Professional
Kristi.Chamley@blackhillscorp.com

RE: Phase I Environmental Site Assessment
Ben French Power Plant
409 Deadwood Avenue, Rapid City, South Dakota
AET Report No. P-0039055

Dear Ms. Chamley:

American Engineering Testing, Inc. has completed Phase I Environmental Site Assessment services at the Ben French Power Plant in Rapid City, SD. This Phase I Environmental Site Assessment was done in accordance with our Proposal No. P-0039055.

We appreciate the opportunity to serve you on this project. If you have any questions regarding the information presented in this Phase I Environmental Site Assessment report, or if we may be of additional service, please contact me.

Sincerely,
American Engineering Testing, Inc.

A handwritten signature in blue ink, appearing to read 'R. Prann', is written over a horizontal line.

Robert A. Prann
Environmental Project Manager

Phone: (605) 484-6886
Email: rprann@teamAET.com

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FIGURES

1. Subject Property Location Map
2. Subject Property Map

APPENDICES

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- C. Records Review Documentation
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EXECUTIVE SUMMARY

In accordance with Proposal No. P-0039055, American Engineering Testing, Inc. performed a Phase I Environmental Site Assessment of the Ben French Power Plant, 409 Deadwood Avenue, Rapid City, SD 57702 (Subject Property). Services were performed in accordance with the scope and limitations of the Standards and Practices of the United States Environmental Protection Agency All Appropriate Inquiries rule (40 CFR Part 312, March 14, 2022) and the American Society for Testing Materials Standard Practice for Environmental Subject Property Assessments: Phase I Environmental Subject Property Assessment Process – ASTM E1527-21 for the exclusive use of Black Hills Corporation (BHC).

The Subject Property area is an electrical generation facility. From at least 1938 the Subject Property was undeveloped property. The Subject Property was first developed in the late 1950s to 1960s including the installation of the 31,000-gallon AST near the north boundary. Between 1962 and 1968, the five diesel generators were installed near the west boundary of the Subject Property. Between 1973 and 1978, the four natural gas generators and the two million-gallon ASTs were installed.

The adjoining properties were developed beginning in the late 1950s to early 1960s and now include a cement plant to the west, large office and shop buildings to the north, a furniture warehouse to the east, and several commercial businesses to the south. The railroad track to the west has been present since at least 1938. The current configuration of the Subject Property has existed since at least 1978.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Subject Property, except for the following:

- One 31,000-gallon and two million-gallon ASTs and associated piping.
- Five diesel generators on the western side of the Subject Property.
- Four natural gas generators, and diesel backup generators, on the eastern side of the Subject Property.
- Former presence of a coal-fired power plant and associated coal pile on the north side of the Subject Property.
- PFAS containing materials in the small building near the southeast corner of the Subject Property.

No significant data gaps were encountered during the evaluation of the Subject Property for this Phase I Environmental Site Assessment.

1.0 INTRODUCTION

1.1 Purpose and Methodology

The purpose of this Phase I Environmental Site Assessment (ESA) is to identify, to the extent reasonable pursuant to the methodology prescribed below, recognized environmental conditions (RECs) in connection with the Ben French Power Plant, 409 Deadwood Avenue, Rapid City, South Dakota, 57702 (hereafter referred to as the Subject Property). American Engineering Testing, Inc. (AET) understands this Phase I ESA is being performed as part of the decommissioning process for the Black Hills Corporation (BHC) to satisfy the commitment requirements made to the South Dakota Public Utilities Commission.

This Phase I ESA was conducted in accordance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiries (AAI) rule (40 CFR Part 312), March 14, 2022, and the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: ASTM E 1527-21.

A list of the acronyms and abbreviations and definitions of common terms used in this report is included as Appendix A.

1.2 Scope of Services

The scope of this Phase I ESA was defined in AET's Proposal No. P-0039055 which Lindsey Pipkins authorized on January 16, 2025. The scope of services included the following items:

1. Review reasonably ascertainable and reviewable records to help identify RECs. Records include standard environmental sources, physical setting sources, and historical information.
2. Perform a Site reconnaissance to obtain information indicating the likelihood of RECs.
3. Interview owners, occupants, state, and/or local government officials to obtain information concerning RECs.
4. Interpret information collected from the records review, Site reconnaissance, and interviews, and present the results in a written report. An electronic copy of the report will be provided and addressed to BHC.

1.3 Limitations and Exceptions of Assessment

Although the USEPA AAI rule and the ASTM standard have been followed, the scope of services is not exhaustive and there may be certain environmental conditions AET cannot ascertain and will not be AET's responsibility. Localized contamination related to disposal of contaminants not reported to appropriate government agencies, not made known to AET or not reasonably observable at the time of AET's Site Reconnaissance visit may be on the Subject Property.

The services performed by AET have been conducted in a manner consistent with the level of skill and care ordinarily exercised by other members of the profession currently practicing in this area. No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the Subject Property.

The findings, opinions, conclusions, and recommendations presented in this report are based on AET's understanding of the client's intended use of the Subject Property. If the intended use of the Subject Property changes, or if conditions differing from AET's original findings are found, AET should be notified to review these changes and to determine the impact, if any, of the changes on the presented findings, opinions, conclusions, and recommendations.

1.4 Reliance

This Phase I ESA has been prepared for the exclusive use of BHC for specific application to the Subject Property.

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 Subject Property Location and Description

Figure 1 shows the location of the Subject Property and Figure 2 shows the configuration of the Subject Property. The Subject Property is located in western Rapid City northwest of the intersection of Deadwood Avenue and West Chicago Street. Information obtained from the Pennington County property information website used to identify the Subject Property is included in Appendix B. The address associated with the Subject Property is 409 Deadwood Avenue. The partial legal description is lot 1 of NE1/4 SW1/4 less lot H1 and lot C of NW1/4 SE1/4 and vac pt of Deadwood Ave adj to said lot, less lots H1(e), H2 and H3, and the property identification number is 2034403004. The Subject Property is located in the southern half of Section 34, Township 2 North, Range 7 East, Pennington County.

The Subject Property is currently used as an electrical power generation facility. Two small buildings at the Subject Property are used for the storage and operation of a battery bank and aqueous film-forming foam (AFFF). Exterior areas are gravel or vegetation covered.

2.2 Current Use of Adjoining Properties

The Subject Property is adjoined as noted below.

North	BHC offices and shops followed by Deadwood Avenue and Cement Plant Road.
East	Deadwood Avenue followed by a furniture warehouse.
South	BHC property followed by West Chicago Street.
West	BHC property followed by railroad and cement plant property.

3.0 USER PROVIDED INFORMATION

AET provided BHC with a User Questionnaire and requested the completed Questionnaire be returned to AET. The questionnaire, attached in Appendix B, was completed by Ms. Kristi Chamley, the User's representative. Ms. Chamley responded "Not that I am aware of" to questions regarding knowledge of environmental liens and activity and use limitations at the Subject Property. She indicated she is an environmental professional with BHC and has specialized knowledge or experience related to the Subject Property or nearby properties, including knowledge of previous Phase I ESAs conducted on the Subject Property. Ms. Chamley indicated that the Subject Property was the former location of a coal-fired power plant when asked about past uses of the Subject Property. When asked about specific chemicals that are present or that once were present, she further indicated that there is currently diesel fuel, mineral oil and AFFF stored on the Subject Property. When asked about spills or other chemical releases that have taken place at the Subject Property, Ms. Chamley indicated that there were two spills in recent history; one consisting of 15 gallons of diesel fuel spilled on November 3, 2023, and another consisting of 100 gallons of lubricating oil spilled on May 24, 2011. Environmental cleanups were conducted on the two spills, and both were granted a "No Further Action" (NFA) status by the SD Department of Agriculture and Natural Resources (SD DANR). When asked about obvious indicators that point to the presence or likely presence of releases at the Subject Property, Ms. Chamley indicated that there are four very old diesel engines, four combustion turbines, a fire suppression system containing AFFF, fuel capacity of up to 2,031,000-gallons, and a former coal-fired power plant, so contamination is expected at the Subject Property. Ms. Chamley's response also indicates the purchase price being paid for the Subject Property reasonably reflects the fair market value of the Subject Property if it were not contaminated.

As indicated in AET's proposal to BHC, the User will share with AET all available and relevant information pertaining to the Subject Property. Ms. Chamley provided the following Subject Property-specific information:

- Environmental Resources Management (ERM), Phase I ESA, Black Hills Energy, 409 Deadwood Avenue, January 28, 2013.
- Environmental Resources Management (ERM), Limited Phase II ESA, Black Hills Power, Ben French Power Plant, 409 Deadwood Avenue, February 28, 2013.
- Black Hills Corporation (BHC), Spill Prevention, Control, and Countermeasure Plan, Ben French Power Plant and Rapid City Service Center, June 2024.

These reports are summarized and/or discussed in Section 4.3.5. Due on their significant size, these reports are not included in this document. However, they may be available upon request from BHC.

4.0 RECORDS REVIEW

4.1 Physical Setting

Spills, leaks, or disposal of hazardous substances or petroleum products at a Subject Property will

generally migrate on the surface or in the subsurface via soil, groundwater, and/or vapor. There is also the potential for surface or subsurface contamination to migrate from adjoining properties towards the Subject Property or migrate off Subject Property depending on subsurface conditions.

AET reviewed published geologic studies, atlases, the current topographic map, and available subsurface reports. Publications not included in the appendices are referenced in Section 11.0. The review indicated the following:

- The Subject Property is located in the Rapid Creek watershed.
- The surficial soils in the vicinity of the Subject Property are alluvial deposits composed of clay to boulder-size clasts with locally abundant organic material with thicknesses up to 75 feet thick.
- The uppermost bedrock underlying the Subject Property is the Spearfish Formation comprised of red sandy shale, siltstone, sandstone, and minor limestone interbedded with abundant gypsum. The depth of the bedrock is 328 to 559 feet below ground surface (bgs).
- The regional groundwater gradient in the vicinity of the Subject Property is west toward Lime Creek with a depth to groundwater approximately 10-30 feet bgs.

It is important to note that our agreed scope of services did not include performing soil borings or rock coring at the Subject Property. Soil borings/rock coring would need to be performed to judge the engineering properties (strength, compressibility, etc.) of soils and rock that underlie the Subject Property and to confirm bedrock formations and depths to the top of bedrock. Also, installation and monitoring of groundwater monitoring wells or piezometers would be required to document current groundwater elevations and localized flow patterns at the Subject Property.

The SD DANR maintains a limited database of water well records. AET reviewed this database for well logs located at or near the Subject Property. This search found 53 monitoring wells currently or formerly registered at the Subject Property. The majority of the monitoring wells were reported to be abandoned and after consulting with BHC personnel, who made a concerted effort to locate any remaining wells, it is assumed the rest were either destroyed or abandoned during site operations and never reported.

4.2 Regulatory Data Review

Environmental Risk Information Services (ERIS) provided Federal, State, Local, and Tribal record information within ASTM-specified minimum search distances of the Subject Property. A copy of their report, dated January 21, 2025, which was reviewed on January 30, 2025, is included in Appendix C. The results of the regulatory data review are discussed below.

4.2.1 Standard Environmental Record Sources for the Subject Property

The Subject Property was identified in the following databases:

- **RCRA Very Small Quantity Generator (VSQG):** Black Hills Power is identified as a RCRA VSQG. RCRA Generators are required to have plans for proper handling, storage and disposal

of hazardous materials. Hazardous waste generated at this facility includes ignitable waste, benzene, and tetrachloroethylene. As of November 2021, there are no compliance monitoring or enforcement records associated with this facility.

- **Facility Registry Service/Facility Index (FINDS/FRS) and Integrated Compliance Information System (ICIS):** Black Hills Corporation is identified on the FINDS/FRS and ICIS databases based on identification as facilities subject to environmental regulations or of environmental interest. Black Hills Corporation is listed as an Electric Generator, Electric Power Generator (gas based), Major Air Program, Greenhouse Gas Reporter, and Very Small Quantity Generator.
- **Tier 2 Reporting (Tier 2):** Black Hills Corporation is identified on the Tier 2 database as a facility that stores hazardous chemicals and is required to report them under the Emergency Planning and Community Right-to-Know Act of 1986. The list is made available by the SD DANR.
- **Hazardous Materials Information Reporting System (HMIRS):** Black Hills Corporation is identified on the HMIRS database for a hazardous material incident that occurred on June 25, 1993. A fire extinguisher burst inside a vehicle parked in the lot.
- **Toxics Release Inventory Program (TRIS):** Black Hills Corporation is identified on the TRIS database for the release of toxic substances including benzene, xylenes, hydrochloric acid, naphthalene, n-hexane, toluene, barium compounds, mercury, polycyclic aromatic compounds, dioxin, and lead from the operation of a smokestack attached to the coal combustion system. This stack and all related buildings and operations were halted in 2013 and removed by 2015, essentially ending the release of toxic substances into the air.
- **Air Facility System (AFS):** Black Hills Corporation is identified on the AFS database as an emissions source under compliance and enforcement. AFS was retired in 2014 and transitioned to ICIS-Air.
- **Alternative Fuels (ALT FUELS):** Black Hills Corporation is listed on the ALT FUELS database due to the presence of electric vehicle chargers near the west boundary of the BHC property.

AET considers the following records regarding the generation of petroleum hydrocarbons and hazardous waste as suspect environmental concerns.

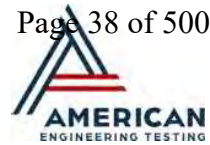
- **Polychlorinated Biphenyl (PCB) Notifiers:** Black Hills Corporation is identified on the PCB database as a facility generating, storing, transporting, or disposing of PCBs. Their listing is specifically due to the generation of PCBs.
- **SD DANR Spills (SPILLS), Leaking Underground Storage Tanks (LUST), Leaking Aboveground Storage Tanks (LAST), and Emergency Response Notification System (ERNS):** The Subject Property is listed on the SD DANR Spills, LUST, LAST, and ERNS databases due to several spills/releases that have occurred over the history of the Subject Property:

- LAST Case 90.139 involved the release of approximately 2,100 gallons of diesel fuel that was lost due to a control valve malfunction associated with backup generators. In response to the release, approximately 648 cubic yards of impacted soil were removed until site constraints halted soil removal. Several monitoring wells (>70) were installed on the Subject Property and free phase product removal was successful in removing a large amount of the released product. This LAST case is reported to be closed.
- LAST Case 90.653 involved the release of 5,000 gallons of diesel fuel being released into the secondary containment structure for the million-gallon ASTs. This LAST case is reported to be closed.
- LAST Case 91.060 involved two related releases of 100 and 1,700 gallons of diesel fuel due to a malfunctioning shut off valve. The spillages appeared to have occurred around the backup generators. This LAST case is reported to have been granted “No Further Action” status.
- LUST Case 93.333 involved the release of 1,600 gallons of fuel oil from the 31,000-gallon AST on the Subject Property. This loss was contained in the secondary containment structure. This LUST case is reported to be closed.
- LAST Case 94.017 involved the release of 50-75 gallons of diesel fuel in the secondary containment for the million-gallon ASTs and was cleaned up using absorbent materials. This LAST case is reported to be closed.
- LAST Case 94.048 involved the release of approximately 1,600 gallons of fuel oil from the 31,000-gallon AST into its secondary containment. This LAST case is reported to be closed.
- LUST Case 94.207 involved a small release of approximately 10 gallons of diesel fuel. This spill case was associated with LAST Case 91.060 and closed.
- LUST Case 97.010 involved the excavation of two USTs near the southern border of the property associated with a former fueling station. The USTs were in fair to good condition and no petroleum hydrocarbon impacts were measured in excess of the applicable SD DANR Tier 1 Trigger/Action Levels. This LUST case is reported to be closed.
- Spill Case 98.196 involved the release of an estimated 1,000 gallons of diesel fuel due to overfilling and the secondary containment of the combustion turbines was inadequate due to the presence of storm water from a recent storm event. Approximately 500-gallons of diesel impacted water flowed to the surrounding ground surface. Excavation was carried out shortly after removing approximately 25 cubic yards of impacted soil. This spill case was granted NFA status in 2007.
- Spill Case 2000.373 involved the release of approximately 100 gallons of diesel fuel in the area of the diesel generators during repair and refilling of the generator. Approximately 20 cubic yards of impacted soil were removed. This spill case was granted NFA status in 2007.

- Spill Case 2001.034 involved the release of approximately 100 gallons of diesel fuel to the southwest of the diesel generators due to a stuck overflow valve. Excavation was carried out and approximately 32 cubic yards of impacted soil were removed. This spill case was granted NFA status as of 2010.
- Spill Case 2008.055 and the ERNS database listing involved the release of a small amount of diesel fuel to the ground surface north of the 31,000-gallon AST on March 31, 2008. Cleanup was conducted and the spill case was granted closure on April 10, 2008.
- Spill Case 2011.050 involved the release of approximately 100 gallons of lube oil from one of the combustion turbines (CT #2) on April 8, 2011. The lube oil reportedly leaked from a temp probe on the turbine. The spill was confined to the secondary containment structure around the combustion turbine. Excavation operations were conducted and approximately 3 cubic yards of impacted soil were removed. This spill case was granted closure as of June 3, 2011.
- Spill Case 2014.057 involved the decommissioning of the Ben French Power Plant, and the residual pile of coal located under the current location of the substation west of the 31,000-gallon AST. Excavation of the area was performed, and unusable coal dust was removed. This spill case was granted closure on March 2, 2016.
- Spill Case 2023.159 involved the release of a small amount of diesel fuel from a piping transition within the secondary containment for the 31,000-gallon AST on November 3, 2023. The fuel was contained in the concrete piping trench and the secondary containment structure. A small amount of impacted soil was excavated and the fuel in the piping trench was absorbed and removed. This spill case was granted NFA status on June 24, 2024.
- **Underground Storage Tanks/Aboveground Storage Tanks (UST/AST):** The Subject Property is listed as having nine registered ASTs. The currently used ASTs are listed as two million-gallon ASTs, one 31,000-gallon AST, and one 500-gallon AST, all used to store diesel fuel. The other five ASTs are listed to have been removed including one million-gallon AST and one 350-gallon AST, both used to store diesel fuel; one 6,220-gallon AST and one 600-gallon AST, both used to store sulfuric acid; and one 180-gallon AST used to store an unknown product. Inspection records indicate the current ASTs leak detection systems are functioning as designed as of July 20, 2023.
- **Solid Waste Facility/Landfill Facility (SWF/LF):** Black Hills Power & Light, Ben French (BHC) is listed as a permitted SWF/LF for Ash Monofill and Resource Recovery. The permit is listed to have expired in 2016.

4.2.2 Standard Environmental Record Sources for Surrounding Properties

The following table identifies ASTM specified databases that were searched, distances searched, and the number of sites identified within the searched distances.



Regulatory Database	Search Distance (miles)	Federal	State/Tribal Equivalent
NPL	1.0	0	0
NPL (Delisted)	0.5	0	0
CERCLIS	0.5	0	0
CERCLIS-NFRAP	0.5	0	NA
RCRA CORRACTS	1.0	0	NA
RCRA-TSD	0.5	0	NA
RCRA Generators	Adjoining Properties	5	NA
Landfill/Solid Waste Disposal Sites	0.5	NA	1
Registered Leaking Storage Tanks	0.5	NA	30
Registered Storage Tanks	Adjoining Properties	NA	10
Voluntary Cleanup Sites	0.5	NA	0
Brownfields Sites	0.5		0

NA: Not applicable – this database is not included in the ASTM standard.

Due to their upgradient position relative to the Subject Property, proximity to the Subject Property, and/or current and historical operations, the database records for the following properties were further assessed by AET to evaluate potential impacts to the Subject Property:

- Circle K Store #512 adjoins the Subject Property to the southeast at the addresses 2460 West Chicago Street and 123 Deadwood Avenue. The facility is listed in the UST and Delisted Storage Tanks (DTNK) databases. The facility is listed as having three 20,000-gallon USTs, two storing gasoline and one storing diesel fuel. Due to the facility's lower elevation and downgradient location, AET does not consider this gas station at the southeast adjacent property to be a suspect environmental concern for the Subject Property.
- The Sinclair Fueling Facility, now operating as Corner Pantry #14, adjoins the Subject Property to the north across North Saint Onge Street at the address 501 Deadwood Avenue. The facility is listed under both names as well as Black Hills Oil as a LUST, UST, and AST facility, respectively. The LUST case involved the removal of an AST system located at the site. Impacted soil was encountered, excavated, and removed during the removal of the pump islands. Subsequent soil sample analysis confirmed the removal of impacted soil, and the case was granted closure on May 2, 1997. Corner Pantry #14 is listed as a UST facility including four USTs. Three of the USTs are used for storing gasoline products and have capacities of 15,000-, 12,000-, and 8,000-gallons. One UST is utilized for storing diesel fuel and has a capacity of 6,000-gallons. There are citations related to the UST system, however, information provided by SD DANR indicates the issues are limited in scope and most likely do not affect the Subject Property. Black Hills Oil is listed as an AST facility, however, all four of the listed ASTs are listed as removed and are most likely the ASTs associated with the LUST case file. Due to its distance from the Subject Property, clean-up activities, LUST case closure in 1997, and information from SD DANR discounting the Corner Pantry citation, AET does not consider this petroleum release site a suspect environmental concern for the Subject Property.

- Vitran Express and Fedex Freight Rap are located at 540 Deadwood Avenue, approximately 900 feet north of the Subject Property across Deadwood Avenue. The facilities are registered as RCRA VSQG and RCRA Small Quantity Generators, respectively. Hazardous waste materials produced at the Vitran Express facility include ignitable waste and corrosive waste. As of October 2024, there are no violation records associated with the Vitran Express facility. There are several hazardous waste materials generated at this facility (full list included in Appendix C), however, as of October 2024, there are no violation records associated with the Fedex Freight Rap facility. AET does not consider these facilities to be suspect environmental concerns for the Subject Property.
- Barber Transportation was formerly located at 540 Deadwood Avenue, approximately 900 feet north of the Subject Property. The facility is registered in the LUST, LAST, and UST databases. The LUST case file involved the removal of the UST system at the site and subsequent assessment activities. During the UST removal, impacted soil was encountered, excavated, and removed from the site. Soil samples collected during the subsequent assessment confirmed the removal of the impacted soil and the LUST case was granted closure as of June 11, 1991. The LAST case file involved the removal of an AST system at the site and subsequent assessment activities. During the AST removal, impacted soil was encountered and a Tier II assessment was performed at the site. Soil and groundwater samples collected during the Tier II activities contained petroleum hydrocarbon impacts below the SD applicable standards and the LAST case file was granted closure on June 13, 2001. Barber Transportation is listed as a UST facility, however, all six of the listed USTs are listed as removed and are most likely the ASTs associated with the LUST case file. Due to its distance from the Subject Property, clean-up activities, and LUST/LAST case closures in 1991 and 2001, AET does not consider this petroleum release site a suspect environmental concern for the Subject Property.

Due to their position with regard to groundwater flow, distance from the Subject Property, and/or current and historical operations, it is AET's opinion the remaining identified database records do not represent environmental concerns to the Subject Property.

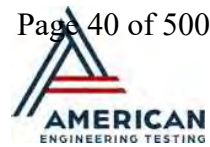
4.2.3 Unlocatable Properties (Orphan Sites) and Non-ASTM Specified Databases

ERIS also includes a list of sites that could not be mapped due to poor or inadequate address information (Unlocatable Properties) and various non-ASTM specified databases. The Unlocatable Properties and non-ASTM specified databases and distances searched are listed in the ERIS report.

Based on our review of the Unlocatable Properties listings and the additional non-ASTM specified database search results, we did not identify any sites that we consider environmental conditions for the Subject Property.

4.3 Historical Data Review

Historical records were reviewed because past land use is an indication of whether hazardous substances or petroleum products have been used at the Subject Property and adjoining properties and



potentially introduced to the subsurface. The historical records were searched for and reviewed, if available, for types of businesses regulated for hazardous substances or petroleum products, evidence of spills, leaks, or disposal, and suspect routes of entry to the subsurface. The purpose of the review of the records is to obtain and review records that will help identify RECs in connection with the Subject Property.

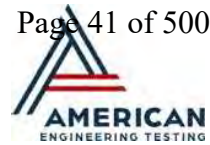
In evaluating historical land use, the suspect for hazardous substances or petroleum products are generally inferred from typical uses by the tenant on the Subject Property. The tenants are determined from User provided information, insurance maps, city directories, wells logs, building and fire inspection records, and interviews or they are inferred from aerial photographs, topographic maps, [and plat maps]. The routes of entry may be determined from User provided information, fire insurance maps, aerial photographs, and the site reconnaissance. Releases including the import of fill may be determined from User provided information, aerial photographs, topographic maps, the site reconnaissance, boring logs, and regulatory data.

The historical records discussed below were found in the User provided information and/or were provided to AET by Historical Information Gatherers, Inc. (HIG) on January 21, 2025, and reviewed on January 31, 2025, and are included in Appendix D.

4.3.1 Topographic Maps

AET reviewed [United States Geological Survey (USGS) 7.5- and 30-Minute Series Topographic Maps. These are limited in urban areas because improvements are not always shown. Topographic maps were reviewed for evidence of land use and changes in topography suggesting the import of fill. The review comprised the Subject Property and adjoining properties. Our review of the topographic maps is summarized in the table below.

Summary of Topographic Maps Review		
Year	Direction	Observations
1893, 1898, 1903	Subject Property	Undeveloped.
	North	Undeveloped.
	East	Undeveloped followed by an unidentified railroad.
	South	Undeveloped followed by an unidentified road.
	West	Undeveloped.
1953	Subject Property	Similar to previous maps.
	North	Similar to previous maps.
	East	Similar to previous maps with road (Deadwood Avenue) in place of the railroad. Small structures indicated.
	South	Road no longer apparent. Small structures indicated.
	West	Similar to previous maps with drainage and railroad indicated.
1971, 1978	Subject Property	Trail crossing the western half of Subject Property.
	North	Large building is apparent.
	East	Similar to previous maps with large buildings apparent across Deadwood Avenue.
	South	Similar to previous maps.



Summary of Topographic Maps Review		
Year	Direction	Observations
	West	Similar to previous maps with additional railroad adjacent to Subject Property.
2012, 2015 Note: it should be noted that buildings were no longer depicted on USGS Topographic maps beyond 1994.	Subject Property	No development apparent.
	North	No development apparent.
	East	Similar to previous maps with no development apparent beyond Deadwood Avenue.
	South	No development apparent followed by West Chicago Street.
	West	No development apparent and railroad spur no longer apparent.

4.3.2 Aerial Photographs

AET reviewed aerial photographs that include the Subject Property area. These are limited by the quality and resolution of the photograph. The aerial photographs were reviewed for indications of land use, routes of entry such as unpaved areas, and indications of spills, leaks, or disposal such as stains, lack of vegetation, or debris. The review comprised the Subject Property and adjoining properties. Our review of the aerial photography is summarized in the table below.

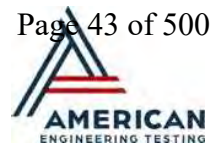
Summary of Aerial Photographs Review		
Year	Direction	Observations
1938	Subject Property	Vacant and/or undeveloped property with no structures visible.
	North	Vacant and/or undeveloped property with no structures visible with roadway visible beyond.
	East	Vacant and/or undeveloped property with no structures visible.
	South	Multiple small structures visible.
	West	Vacant and/or undeveloped property with no structures visible.
1952, 1954	Subject Property	Similar to previous photography.
	North	Similar to previous photography.
	East	Similar to previous photography with some structures visible beyond section of undeveloped property.
	South	Similar to previous photography.
	West	Similar to previous photography.
1962	Subject Property	Subject Property appears to be in process of development with excavation and grading visible with the 31,000-gallon AST apparent near the northwest corner.
	North	Power plant structure with coal pile adjacent to the north border.
	East	Similar to previous photography.
	South	Multiple structures are visible.
	West	Similar to previous photography.
1968, 1973	Subject Property	New structure/parking area visible in the central area of the Subject Property and the five diesel turbines are visible near the western border of the Subject Property.
	North	Roadway moved closer to the northeast edge of the Subject Property with additional development visible beyond the roadway further to the north.
	East	Similar to previous photography.
	South	Similar to previous photography.

Summary of Aerial Photographs Review		
Year	Direction	Observations
1978	West	Similar to previous photography.
	Subject Property	Similar to previous photography with the addition of two large ASTs visible in the southeast and four combustion turbines visible in the northeast areas of the Subject Property.
	North	Similar to previous photography.
	East	Similar to previous photography.
	South	Similar to previous photography.
1982, 1991, 1998, 2004	West	Similar to previous photography.
	Subject Property	Similar to previous photography.
	North	Similar to previous photography.
	East	Similar to previous photography.
	South	Additional development, including one large AST now apparent to the south.
2008, 2014	West	Similar to previous photography.
	Subject Property	Structure/parking area formerly visible in the central area of the Subject Property appears to have been removed.
	North	Black surface staining visible in previous photography appears to have significantly decreased in lateral extents.
	East	Similar to previous photography.
	South	Similar to previous photography.
2018	West	Similar to previous photography.
	Subject Property	Similar to previous photography.
	North	Power plant removed and replaced by parking lot and building.
	East	Similar to previous photography.
	South	AST visible in previous photography is no longer evident.
2022	West	Similar to previous photography.
	Subject Property	Similar to previous photography.
	North	Similar to previous photography.
	East	Similar to previous photography.
	South	Similar to previous photography with the addition of a parking area and gas station visible to the south and southeast of the Subject Property, respectively.
	West	Similar to previous photography.

AET identified the 31,000-gallon AST located near the north border of the Subject Property from 1962 to 2022. Due to the potential for the release of petroleum products due to historic AST operations and the documented LUST, LAST, and Spill cases detailed in Section 4.2.1 of this report, AET considers the 31,000-gallon AST to be a suspect environmental concern.

AET identified the coal pile and power plant structures visible to the north/northwest of the Subject Property on the aerial photographs from 1962 through 2014. Due to the potential for the release of hazardous materials or petroleum products due to the historic power plant operations, AET considers the observed power plant and associated coal pile to be a suspect environmental concern.

AET identified two large million-gallon ASTs situated near the southeast corner of the Subject Property which are visible on the aerial photographs from 1978 through 2022. Due to the potential for the release



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of hazardous substances or petroleum products from historic AST operations and the documented LUST, LAST, and Spill Cases detailed in Section 4.2.1 of this report, AET considers the ASTs to be suspect environmental concerns.

AET identified one large million-gallon AST situated to the south of the Subject Property which is visible on the aerial photographs from 1982 through 2018. Due to the potential for the release of hazardous substances or petroleum products from the AST to subsequently migrate onto the Subject Property, AET considers the AST formerly located at the south adjacent property to be a suspect environmental concern.

AET identified a gas station situated to the south of the Subject Property which is visible on the aerial photograph from 2022. However, due to its presence at a much lower elevation, AET does not consider the gas station on the southeast adjacent property to be a suspect environmental concern.

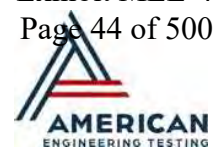
4.3.3 Fire Insurance Maps

AET requested fire insurance maps for the Subject Property and adjoining properties. Fire insurance maps were created by insurance companies and typically contain maps of occupants and fire hazards, land use and the specific use and storage of hazardous substances or petroleum products such as fuels and solvents. HIG indicated fire insurance maps for the Subject Property area are not available.

4.3.4 Street Directories

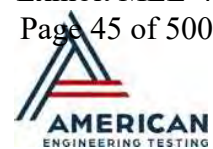
Street directories were provided by HIG, limited by errors in cross street location and thoroughness of validation. Directories (approximately every 5 years), indexed by address, were reviewed for tenant identification and land use at the Subject Property and adjoining properties. The Subject Property address and adjoining properties were registered in the directories as follows.

Summary of Street Directory Listings for the Subject Property and Adjoining Addresses Review				
Year	Location	Number	Street	Occupancy/Listing Information
1955 1961 1966	Subject Property	409	Deadwood Ave.	No listing.
	North	No listing.		
	South	No listing.		
	East	410	Deadwood Ave.	Residential listing.
		414	Deadwood Ave.	Residential listing.
		431	Deadwood Ave.	Residential listing.
	West	No listing.		
1971	Subject Property	409	Deadwood Ave.	No listing.
	North	No listing.		
	South	No listing.		
	East	410	Deadwood Ave.	Vacant listing.
		414	Deadwood Ave.	Vacant listing.



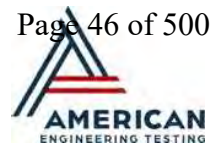
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		431	Deadwood Ave.	Residential listing.
	West	No listing.		
1980	Subject Property	409	Deadwood Ave.	No listing.
	North	No listing.		
	South	No listing.		
	East	No listing.		
	West	2900	W Chicago St.	Birdsall Sand & Gravel
1989	Subject Property	409	Deadwood Ave.	Black Hills Power & Light Company
	North	540	Deadwood Ave.	Prorate Forty-Eight
				Roadway Express
				Barber Company
				Lewis Truck Lines
				Hyman Freightways
				Cloverdale Foods
				Freight Management Systems
	South	2425	W Chicago St.	Water-N-Bed Store/Powerhouse Inc.
		2433		Henry Carlson Company
		2435		Black Hills Employment
		2437		Litchfield-Cedarhill/Norcom Industries
		2445		The Remodeling Shoppe
		2449		Cellular One
		2465		MCS Group
		2493		National Cash Register/Midland Medical Supply
		2497		KELO Land TV/Midco Communications
		2504		Stone's Furniture
	East	20	Deadwood Ave.	U-Haul Moving & Storage
	West	2900	W Chicago St.	Birdsall Sand & Gravel
1991	Subject Property	409	Deadwood Ave.	Black Hills Power & Light Company
	North	540	Deadwood Ave.	NW Transport Services
				Roadway Express
				Barber Company
				Lewis Truck Lines
				Hyman Freightways
				Crouse Cartage Co.
				Quast Transfer
				Freight Management Systems
	South	2425	W Chicago St.	Powerhouse Inc
		2425A		Bankers Life and Casualty Co.
		2425B		Life Security Agency
		2437		Horizon Gaming
		2445		The Remodeling Shoppe



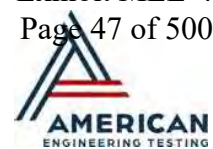
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		2447		AT&T
		2449		Cellular One
		2465		MCS Group
		2493		Rem Con
		2495		Control Data
		2497		KELO Land TV/Midco Communications
		2501		Water-N-Bed Store
		2511		Stone's Furniture
		East		20
	250		Deadwood Ave.	Fearless Fischer Furniture
	West	2900	W Chicago St.	Birdsall Sand & Gravel
	1996	Subject Property	409	Deadwood Ave.
North		No listing.		
South		2425	W Chicago St.	TWS Power Products
		2433A		Bankers Life and Casualty Co.
		2435B		Life Security Agency
		2449		Cellular One
		2475		Native American Heritage
		2491		Rapid Choice TV
		2495		Automated Wagering
		2497		KCLO TV/Midco Communications
		2501		Water-N-Bed Store
		2511		Stone's Furniture
East		No listing.		
West		2900	W Chicago St.	Birdsall Sand & Gravel
2003	Subject Property	409	Deadwood Ave.	No listing.
	North	540	Deadwood Ave.	Color 1 Association
				Dakota Cartage Co.
				Lewis Transportation
				Mary Kay Cosmetics
				One Call Locators
				Ardent Learning Center
				Simplex Grinnell
				Herbalife Dist.
				M&J Cartage
				Midwest Motor Express
				Vitran Express
	South	2425	W Chicago St.	Powerhouse Honda
		2433		Farm Bureau Insurance
2433C		Computer Network Service		



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		2437		Blackhawk Storage/Designer Mortgage
		2449		Aflac
		2455		Mine Safety Administration
		2465		American Cancer Society/Bareis Engineering
		2485		IKON Office Solutions
		2491		Fischer Rounds & Associates/Prorate 48/Quality Truck Ins.
		2495		Automated Wagering Intl./Rushmore Orthodontics Lab
		2501		HRS Food Service
		2511		Stone's Furniture
		East		20
	West	2525	W Chicago St.	SD Overhead Doors
		2900	W Chicago St.	Birdsall Sand & Gravel/Central Mix
2008	Subject Property	409	Deadwood Ave.	No listing.
	North	No listing.		
	South	2425	W Chicago St.	Powerhouse Honda
		2433A		PB&J Accounting
		2433B		Farm Bureau Insurance
		2433C		Computer Network Service
		2437		Masters Awards & Embroidery
		2445		MX Connection
		2447		Gold Pages Publishing
		2455		Mine Safety Administration
		2465		American Cancer Society
		2485		IKON Office Solutions
		2491		Fischer Rounds & Associates/Prorate 48/Quality Truck Ins.
		2495		Rushmore Orthodontics Lab/Scientific Games
		2497		Intertribal Bison Cooperative
		2501		HRS Food Service
		2511		Dakota Bison Furniture/Stone's Furniture
	East	No listing.		
	West	2900	W Chicago St.	Birdsall Sand & Gravel
	2013	Subject Property	409	Deadwood Ave.
North		540	Deadwood Ave.	Barbo Agency
				Eichert Transport
				One Call Locators
				Yesi Realty
				ADT Security Service
				Computers Etc. Learning Center



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				MRI Rapid City
				Recruiting Resources
				JB Dispatch
				Midwest Motor Express
				Vitran Express
	South	2425	W Chicago St.	Powerhouse Honda
		2433A		PB&J Accounting
		2433B		Jasper Agency Inc.
		2437		Masters Awards & Embroidery
		2445		MX Connection
		2455		Mine Safety Administration
		2465		American Cancer Society
		2475		Gold Pages
		2485		RICOH USA
		2491		Fischer Rounds & Associates/Prorate 48
		2495		Rushmore Orthodontics Lab
		2497		Intertribal Bison Cooperative
		2501		Black Hills Scuba/Cash-WA Distributing
		2511		Stone's Furniture
	East	20	Deadwood Ave.	U-Haul Moving & Storage
	West	2525	W Chicago St.	Schoenberner Electric
		2900	W Chicago St.	Pete Lein & Sons Ready-Mix
2018	Subject Property	409	Deadwood Ave.	No listing.
	North	540	Deadwood Ave.	Barbo Agency
				MRI Rapid City
				England Earthmoving
				Fedex Office Ship Center
				Central Transport Intl.
	South	2425	W Chicago St.	Powerhouse Honda
		2433A		PB&J Accounting
		2433B		Farm Bureau Insurance
		2437		Masters Custom Design Embroidery
		2449		AT&T
		2455		Mine Safety Administration
		2465		Black Hills Tattoo & Piercing
		2475		Guided Touch Massage/BH Trail Addict/Gold Pages
		2485		RICOH USA
		2491		Fischer Rounds & Associates/Prorate 48
		2497		Intertribal Bison Cooperative



		2501		Advanced Bookkeeping/BH Scuba/Cash-WA Dist./Interstate Roofing/K1 Roofing
		2511		Dakota Bison Furniture/Stone's Furniture
	East	20	Deadwood Ave.	U-Haul Moving & Storage
	West	2525	W Chicago St.	Schoenberner Electric
		2900	W Chicago St.	Central Mix/Pete Lein & Sons

4.3.5 Additional Record Sources

Previous Environmental Reports: AET reviewed a previous Phase I ESA report related to the Subject Property (ERM, 2013). ERM concluded there were several RECs associated with the coal-fired power plant that was formerly present north of the Subject Property. The power plant was removed sometime between 2014 and 2018 along with the transformers, lube oil tank and associated UST, coal pile, ash monofil storage and slag pond, and on-site septic system. ERM also indicated a REC/HREC associated with leaking lines in the former fuel distribution lines connected to the million-gallon ASTs present at the Subject Property. According to the ERM report, approximately 22,723-gallons of fuel were recovered during the cleanup. This cleanup is associated with DANR Case File 1991.060 previously mentioned in Section 4.2.1 above. AET considers the presence of residual petroleum hydrocarbon impacts in the subsurface at the Subject Property a suspect environmental condition.

AET also reviewed a previous Limited Phase II ESA related to the Subject Property (ERM, 2013). ERM performed some shallow soil sampling around the former coal-fired power plant to document the presence or absence of polychlorinated biphenyl (PCB) and poly aromatic hydrocarbon (PAH) impacts to the soil and/or groundwater. ERM also performed a hazardous materials survey to identify areas of the coal-fired power plant which contain mercury, lead based paints, asbestos containing materials, and oils. Because the coal-fired power plant and all associated structures, impacted soils, and hazardous materials were removed from the Subject Property, AET does not consider any of the impacts or hazardous materials associated with the Limited Phase II ESA suspect environmental conditions.

AET also reviewed the recent SPCC plan related to the Subject Property (BHC, 2024). The plan documents the tanks and equipment on the Subject Property containing diesel fuels, oils, and other liquids designated as potential sources of discharges/spills. The plan goes on to describe the containment structures associated with each of the potential sources as well as procedures in case of a discharge/spill. AET considers the storage, transmission, and usage of petroleum hydrocarbons, and their potential for discharges/spills, on the Subject Property a suspect environmental condition.

Underground Pipelines Review: AET reviewed the National Pipeline Mapping System online mapping system regarding underground petroleum pipelines in the vicinity of the Subject Property. The maps do not show any petroleum pipelines extending through or adjoining the Subject Property.

4.3.6 Historical Information Summary

The Subject Property area is an electrical generation facility. From at least 1938 the Subject Property was undeveloped property. The Subject Property was first developed in the late 1950s to 1960s including the installation of the 31,000-gallon AST near the north boundary. Between 1962 and 1968, the five diesel generators were installed near the west boundary of the Subject Property. Between 1973 and 1978, the four natural gas generators and the two million-gallon ASTs were installed.

The adjoining properties were developed beginning in the late 1950s to early 1960s and now include a cement plant to the west, large office and shop buildings to the north, a furniture warehouse to the east, and several commercial businesses to the south. The railroad track to the west has been present since at least 1938. The current configuration of the Subject Property has existed since at least 1978.

5.0 SITE RECONNAISSANCE

Information contained in this section is based on a visual reconnaissance conducted while walking through the Subject Property including the accessible interior areas of structures, if present, and may include information obtained from on-site interviews.

The Subject Property was visited by Mr. Robert Prann of AET on March 21, 2025. Mr. Prann was accompanied by Ms. Kristi Chamley of BHC. Photographs taken at the time of AET's visit are included in Appendix E.

Subject Property Description and Observations	
Feature	Description
Structures	Two small buildings are located in areas specific to this Phase I ESA. The first building encountered contains a battery bank associated with the natural gas generators on the eastern side of the Subject Property. It is constructed of concrete block and has no HVAC or water utilities. The second building is located on top of the hill near the south side of the Subject Property and contains the AFFF containers. It is constructed of concrete block and has no HVAC or water utilities.
Drinking Water/ Sanitary Sewer	Municipal water and sanitary services are available in the Subject Property area. AET did not observe evidence of wells or a private sanitary system.
Stormwater Runoff	Stormwater water runoff drains to the topographically lowest areas of the Subject Property including along the west property line and the catch basin at the base of the hill below the million-gallon ASTs.
Roads	Access to the Subject Property is currently from Deadwood Avenue along the east side of the Subject Property.
Other	The exterior lots are mostly gravel surfaced and surrounded with chain-link fences.
Containers	Several 5- to 55-gallon containers of AFFF were observed in the small building near the south boundary of the Subject Property.



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Subject Property Description and Observations	
Feature	Description
	No automotive batteries, pesticides, paints or other chemicals were observed in any other areas of the Subject Property.
Storage Tanks	AET observed three large ASTs, two million-gallon diesel ASTs near the south boundary of the Subject Property, and one 31,000-gallon diesel AST near the north boundary of the Subject Property. Above ground piping extends from the ASTs to the natural gas generators and the diesel generators, respectively. Smaller ASTs (300-gallon) are connected to the natural gas generators as backup in case the flow of natural gas is interrupted. Indications (fill pipes) of potential USTs were observed on the east end of each of the natural gas generators.
Drums, Totes, and Intermediate Bulk Containers	As mentioned above, AET observed three drums of AFFF in the small building on the south side of the Subject Property.
Odors	No abnormal odors were observed during the site visit.
Liquids/Stains/Corrosion	No liquids/stains/or corrosion was observed during the site visit.
Stressed Vegetation	The Subject Property vegetation was seasonally dormant at the time of the site visit.
Drains/Waste Traps/Sumps	No floor drains, traps, or sumps were observed during the site visit.
PCB Containing Equipment	No suspect PCB containing equipment was observed on Subject Property. According to Ms. Chamley, all PCB containing equipment has been permanently removed from service and removed from the Subject Property.
Pits, Ponds, or Lagoons	No pits, ponds, or lagoons were observed on or adjoining the Subject Property.
Solid Waste Disposal	No evidence of indiscriminate dumping or solid waste disposal was observed on the surface of the Subject Property.
Physical Setting Analysis	The Subject Property is located in a commercial and industrial developed area on the northwest side of Rapid City.
Adjoining Property Observations	The property adjacent to the Subject Property on the north is owned and operated by BHC. Beyond the BHC facility is an active fueling station. The property to the east across Deadwood Avenue is mostly vacant with one commercial furniture warehouse. Several commercial buildings are located south of the Subject Property across West Chicago Street. An active filling station was observed adjoining to the southeast at a lower elevation. The adjoining property to the west, beyond Lime Creek, is an active cement plant.
Limiting Conditions	No limiting conditions were present during the site visit.
Other Observations	Most buildings contain thermostats, switches, door closers (hydraulic), fluorescent lights, etc. Some of these components contain regulated materials.

As mentioned previously, AET considers the storage, transmission, and use of petroleum hydrocarbons

at the Subject Property, with the potential for release to the surrounding soil and groundwater, a suspect environmental condition.

During the site reconnaissance, indications of potential USTs (fill pipes) were observed at the east end of each of the natural gas generators, near the east boundary of the Subject Property. AET considers the potential presence of USTs, with the potential for releases to the surrounding soil and groundwater, a suspect environmental condition.

During the site reconnaissance, several containers of AFFF, which contains Per- and Polyfluoroalkyl Substances (PFAS), including 5-gallon jugs, 55-gallon drums, and a 300-gallon AST were observed in the small building near the southeast corner of the Subject Property. Due to the potential for release to the surrounding soil and groundwater and the adverse effects, AET considers the presence of PFAS containing materials a REC in connection with the Subject Property.

6.0 INTERVIEWS

AET representative Robert Prann interviewed various parties as part of this Phase I ESA. The results of the interviews are summarized below.

Ms. Kristi Chamley – Senior Environmental Professional (Owner’s Representative)

The owner’s representative, Ms. Kristi Chamley, is not aware of any pending, threatened, or past litigation, administrative proceedings, or notices from any governmental entity relevant to hazardous substances or petroleum products in, on or from the property. She is aware of the past DANR documented spills, releases, and cleanups performed at the Subject Property.

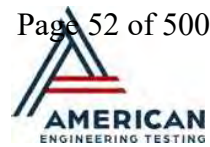
Mr. Steven McCollar – Lieutenant, RC Fire Department (Government Official Representative).

The fire department representative indicated they have no permit requirements for the ASTs, and he found no record of RCFD responding to spills or leaks on site. They do have a record of a fire that occurred on the Subject Property in 2015 during the demolition of the former coal-fired power plant (Appendix C). The representative is not familiar with the Subject Property and has no other recollections of its history.

7.0 FINDINGS AND OPINIONS

The following suspect environmental concerns and AET’s opinions concerning the suspect environmental concerns are provided below.

Based on the presence of multiple ASTs on the Subject Property with multiple documented leaks/spills and the continued use of those AST systems, AET considers the active 31,000-gallon and 1,000,000-gallon ASTs, and their associated piping, to be RECs in connection with the Subject Property.



Based on the multiple DANR spill cases documented in and around the diesel generators near the west boundary of the Subject Property, AET considers the five diesel generators to be RECs in connection with the Subject Property.

Based on the multiple DANR spill cases documented in and around the natural gas generators, and their diesel backup generators, near the east side of the Subject Property, AET considers the four natural gas generators and their diesel backup generators, to be RECs in connection with the Subject Property.

During the review of historical documents, AET identified a large pile of coal and power plant structures visible to the north/northwest of the Subject Property on the aerial photographs from 1962 through 2014. Due to the potential for the release of hazardous materials or petroleum products due to the historic power plant operations, AET considers the observed power plant and associated coal pile to be a REC in connection with the Subject Property.

During the site reconnaissance, several containers of AFFF, which contains Per- and Polyfluoroalkyl Substances (PFAS), including 5-gallon jugs, 55-gallon drums, and a 300-gallon AST were observed in the small building near the southeast corner of the Subject Property. Due to the potential for release to the surrounding soil and groundwater and the adverse effects, AET considers the presence of PFAS containing materials a REC in connection with the Subject Property.

8.0 DATA GAPS

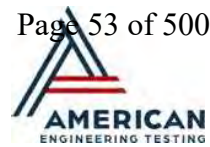
No significant data gaps were encountered with regard to evaluating the Subject Property for this Phase I Environmental Subject Property Assessment.

9.0 CONCLUSIONS

AET has performed a Phase I ESA in conformance with the scope and limitations of the USEPA All Appropriate Inquiries rule (40 CFR Part 312) and ASTM Practice E 1527-21 of the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Subject Property, except for the following:

- 31,000-gallon and 2 million-gallon ASTs and associated piping.
- Five diesel generators on the western side of the Subject Property.
- Four natural gas generators, and diesel backup generators, on the eastern side of the Subject Property.
- Former presence of a coal-fired power plant and associated coal pile on the north side of the Subject Property.
- PFAS containing materials in the small building near the southeast corner of the Subject Property.



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10.0 RECOMMENDATIONS

To evaluate whether the RECs identified above have impacted the subsurface at the Subject Property, AET recommends a Phase II Environmental Site Assessment (ESA) be conducted. Services provided in the Phase II ESA may include soil borings, and soil, groundwater, and/or soil gas sampling and analysis.

11.0 REFERENCES

Environmental Resources Management (ERM), Phase I ESA, Black Hills Energy, 409 Deadwood Avenue, January 28, 2013.

Environmental Resources Management (ERM), Limited Phase II ESA, Black Hills Power, Ben French Power Plant, 409 Deadwood Avenue, February 28, 2013.

Black Hills Corporation (BHC), Spill Prevention, Control, and Countermeasure Plan, Ben French Power Plant and Rapid City Service Center, June 2024.

American Society for Testing and Materials, Standard Practice for Environmental Subject Property Assessments: Phase I Environmental Subject Property Assessment Process, Designation: E 1527-21, 2021.

Pennington County Property Information website.

<https://www.rcgov.org/departments/public-works/geographic-information-system/rapidmap-214.html>

SDDANR Online Database:

<https://apps.sd.gov/NR42InteractiveMap>

RapidMap – Pennington County Property Information Website:

<https://www.rcgov.org/departments/public-works/geographic-information-system/rapidmap-214.html>

Martin, J.E., Sawyer, J.F., Fahrenbach, M.D., Tomhave, D.W., and Schulz, L.D., 2004, Geologic Map of South Dakota: South Dakota Geological Survey, GM 10, scale 1:500,000.

US EPA, All Appropriate Inquiries Final Rule (40 CFR Part 312), March 14, 2022.

12.0 QUALIFICATIONS AND RESUMES

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

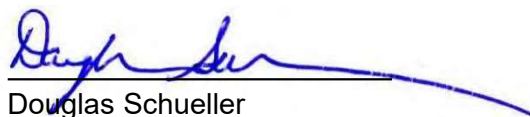
Refer to Appendix F for resumes of the AET personnel associated with this Phase I ESA.

Report Prepared By:

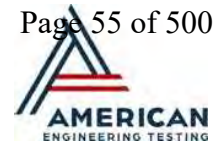
A blue ink signature of Robert A. Prann, consisting of stylized initials and a surname.

Robert A. Prann
Environmental Project Manager

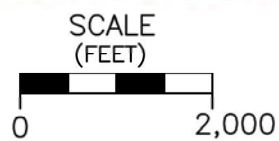
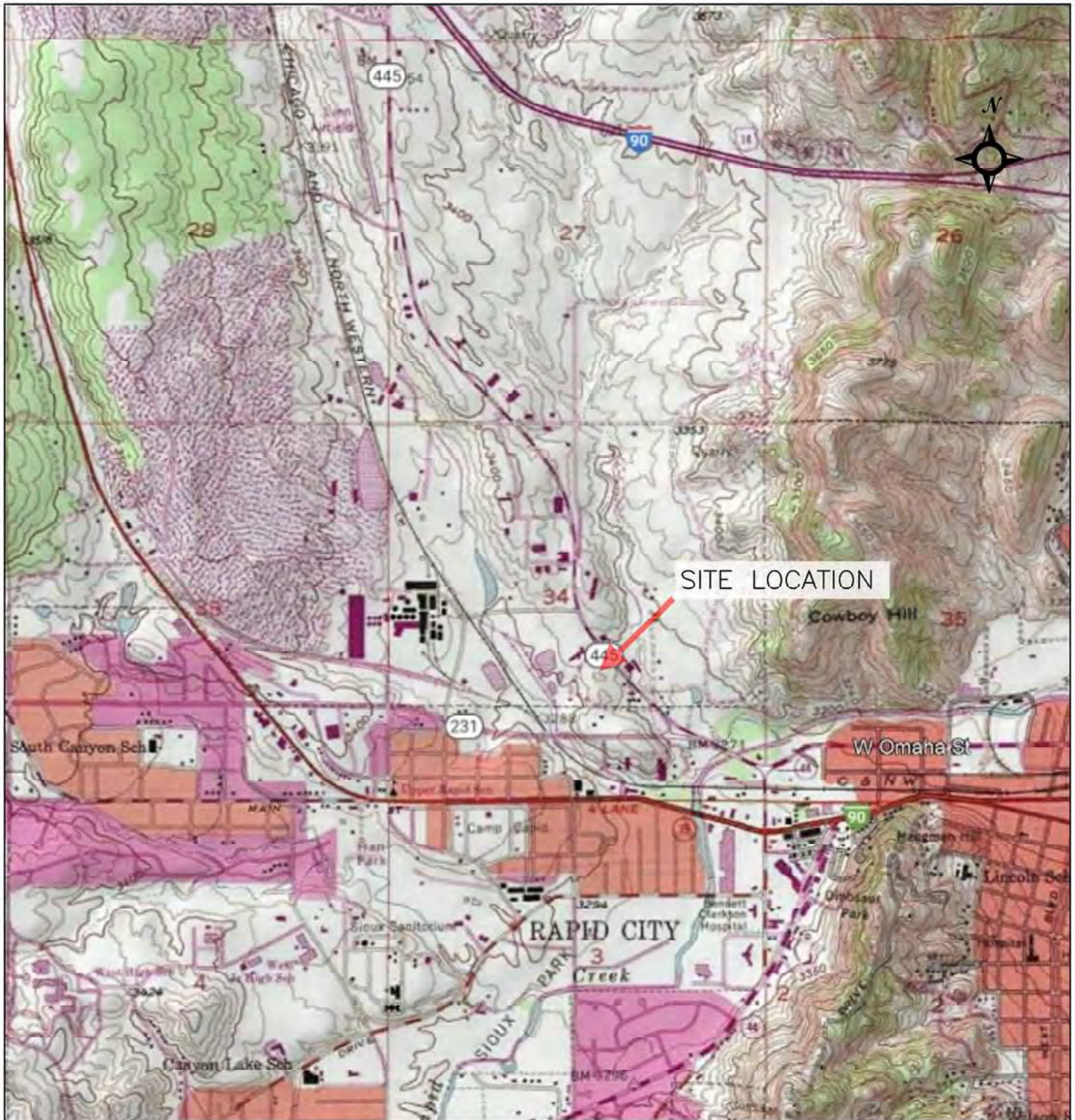
Report Reviewed By:

A blue ink signature of Douglas Schueller, featuring a stylized first name and a surname.

Douglas Schueller
Environmental Project Manager



Figures



USGS TOPOGRAPHIC MAP
PROVIDED BY USGS DATABASE
DATED: 2021 SCALE: 1:24,000



PROJECT: BHC BEN FRENCH PHASE I ESA
409 DEADWOOD AVENUE, RAPID CITY, SD

PROJECT NO.:
P-0039055

SUBJECT:
SITE LOCATION TOPO MAP

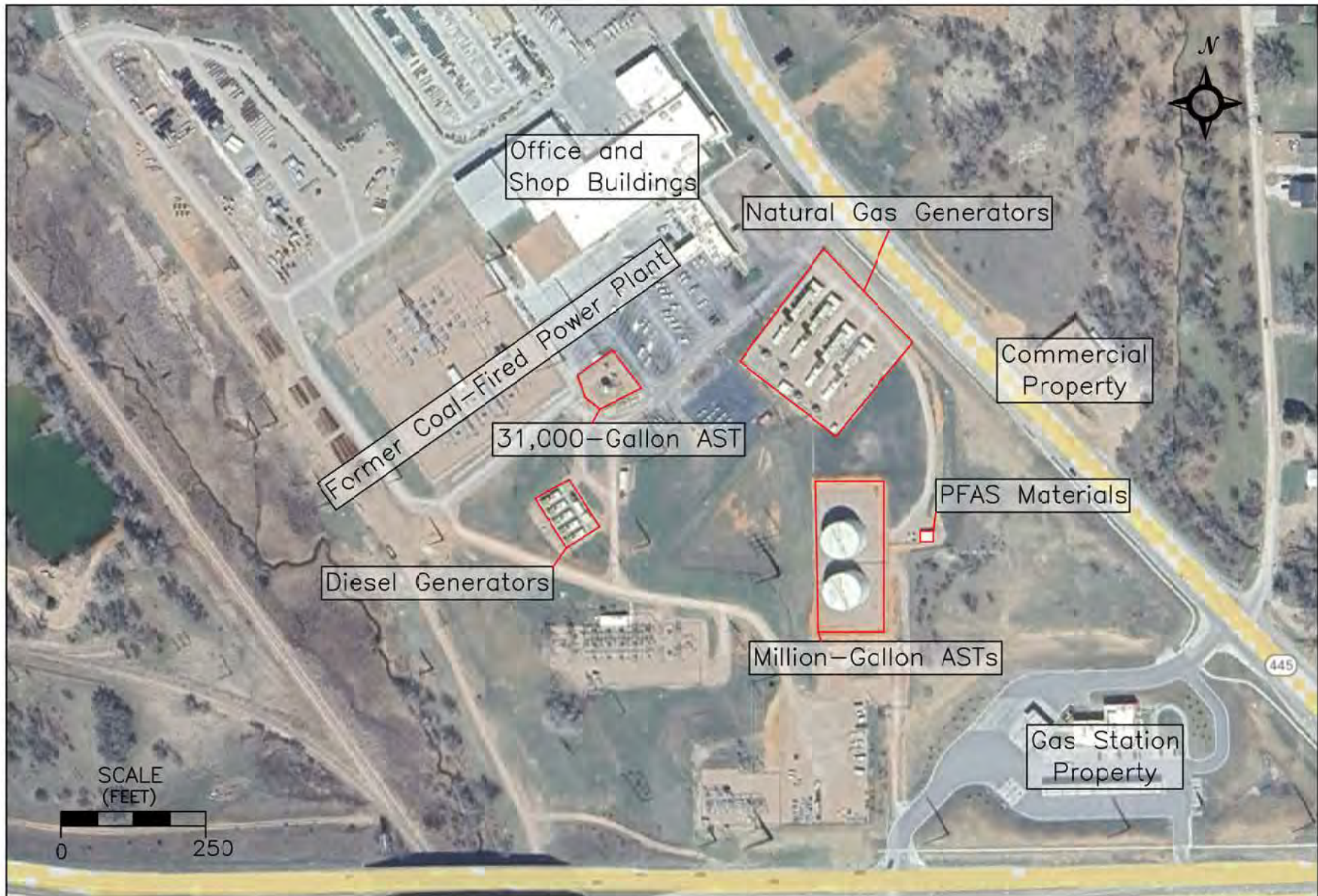
DRAWN BY:
RAP

DATE:
APRIL 10, 2025

SCALE:
1 INCH = 2,000 FEET

REVIEWED BY:
DS

FIGURE:
1



PROJECT:BLACK HILLS CORPORATION BEN FRENCH PHASE I ESA
409 DEADWOOD AVENUE, RAPID CITY, SOUTH DAKOTA

PROJECT NO.
P-0039055

SUBJECT: SITE LOCATION AERIAL MAP

DRAWN BY: RAP

DATE:
APRIL 10, 2025

SCALE:1 INCH = 250 FEET

REVIEWED BY: DS

FIGURE: 2

Appendix A

Acronyms and Abbreviations

AET Standard List

°C	degrees Celsius
°F	degrees Fahrenheit
%	percent
AAI	EPA All Appropriate Inquiry (§312.10 of 40 CFR 312)
ACM	asbestos containing material
ACWM	asbestos containing waste material
AET	American Engineering Testing, Inc.
AHERA	Asbestos Hazard Emergency Response Act
AST	aboveground storage tank
ASTM	American Society for Testing and Materials (now known only by acronym)
AUL	activity and use limitation
BaPs	benzo(a)pyrene equivalents
BTEX	benzene, toluene, ethylbenzene, xylene
bgs	below ground surface
Brownfields	SDDANR Brownfields Program
CAL	SDDANR Cleanup Action Level
CAP	Corrective Action Plan
CCP	Construction Contingency Plan
CERCLA	Comprehensive Environmental Response, Compensation, Liability Act (Superfund)
CERCLIS	Comprehensive Environmental Response, Compensation, Liability Information System
CESQG	RCRA Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CG	cleanup goal
CGI	combustible gas indicator
CoC	contaminant of concern
c.o.c.	chain of custody
CORRACTS	RCRA Corrective Actions Information System
cPAH	carcinogenic polynuclear aromatic hydrocarbon
CREC	Controlled Recognized Environmental Condition
CVOC	chlorinated volatile organic compound
cy or CY	cubic yards
DRO	diesel range organics ("-Si" indicates silica-gel pretreatment)
EA/EAW	Environmental Assessment [Worksheet]
EC	engineering control
ECP	Emissions Control Plan
ECR	Environmental Construction Report
EDR	Environmental Data Resources, Inc.
EIS	Environmental Impact Statement
EP	Environmental Professional (§312.10 of 40 CFR 312)
EPA	Environmental Protection Agency (also USEPA)

ACRONYMS / ABBREVIATIONS AND DEFINITIONS

ERNS	Emergency Response Notification System (federal)
ESA	Environmental Site Assessment
ESIR	Environmental Site Investigation Report
EWP	Environmental Work Plan
FEMA	Federal Emergency Management Agency
f/cc	fibers-per-cubic-centimeter
ft	feet
GEN	RCRA Generator
GIS	geographic information system
GPS	global positioning system
GRO	gasoline range organics
GS	GeoSearch
HASP	Health and Safety Plan
HIG	Historical Information Gatherers, Inc.
HREC	historical recognized environmental condition
IC	institutional control
LAST	leaking aboveground storage tank
LEL	lower explosive limit
If or LF	lineal feet
LIMS	laboratory information management system
LLP	landowner liability protection
LQG	RCRA Large Quantity Generator
LRST	leaking registered storage tanks
LUST	leaking underground storage tank
MCL	EPA Maximum Contaminant Level
MDL	method detection limit.
mg/kg	milligrams-per-kilogram (equivalent to parts-per-million)
mg/L	milligrams-per-liter
MMP	Materials Management Plan
MS/MSD	matrix spike/matrix spike duplicate
MSDS	material safety data sheet
MTBE	methyl tert-butyl ether
NA	not assigned or not applicable
ND	not detected
NEPA	National Environmental Protection Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NLR	RCRA No Longer Regulated Information System
NPDES	National Pollutant Discharge Elimination System
NFRAP	no further remedial action planned
NPL	National Priority List (federal Superfund)
NR	not recorded
NWI	National Wetland Inventory
ODI	EPA Open Dump Inventory

ACRONYMS / ABBREVIATIONS AND DEFINITIONS

OSHA	Occupational Safety and Health Administration
PAH	polynuclear aromatic hydrocarbon
PEL	OSHA Permissible Exposure Limit
PCB	polychlorinated biphenyl
pcm	point count method
PCM	phase-contrast microscopy
PE	Professional Engineer
PEF	potency equivalency factor
PG	Professional Geologist
PID	photoionization detector
PLM	polarized light microscopy
PLP	Permanent List of Priorities (state Superfund)
ppb	parts-per-billion (equivalent to micrograms-per-kilogram)
ppbv	parts-per-billion by volume
PPE	personal protective equipment
ppm	parts-per-million (equivalent to milligrams-per-kilogram)
ppmv	parts-per-million by volume
PVOC	petroleum volatile organic compound
QA	quality assurance
QAPP	Quality Assurance Project Plan
QC	quality control
RACM	regulated asbestos containing material
RAI	Response Action Implementation
RAP	Response Action Plan
RCRA	Resource Conservation Recovery Act
REC	recognized environmental condition
RL or LRL	laboratory reporting limit
ROD	EPA Record of Decision
SDCL	South Dakota Codified Law
SDDANR	South Dakota Department of Agriculture and Natural Resources
SDDOT	South Dakota Department of Transportation
SDGF&P	South Dakota Game, Fish and Parks
SDGS	South Dakota Geological Survey
SHOP	Special Handling Operations Plan
SMP	Soil Management Plan
SOP	standard operating procedure
SPILLS	SDDANR Spills inventory
SQG	RCRA Small Quantity Generator
SREC	suspect recognized environmental condition
SSP	Site Safety Plan
SVOC	semi-volatile organic compound
SWF/LF	SDDANR Solid Waste Facilities/Landfill Sites

TCLP	Toxicity Characteristic Leaching Procedure
TPH	total petroleum hydrocarbons
TRIS	EPA Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSD	RCRA Transportation Storage and Disposal facilities
TWA	time-weighted average
UAST	underground and aboveground storage tanks
µg/kg	micrograms-per-kilogram (equivalent to parts-per-billion)
µg/l or µg/L	micrograms-per-liter
µg/m ³	micrograms-per-cubic-meter
USEPA	United States Environmental Protection Agency (also EPA)
USGS	United States Geological Survey
UST	underground storage tank
VOC	volatile organic compound
WCA	Wetland Conservation Act
XRF	x-ray fluorescence

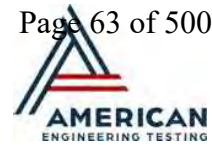
DEFINITIONS

Controlled recognized environmental condition (CREC): a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

De minimus condition: a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimus conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Historical recognized environmental condition (HREC): a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Recognized environmental condition (REC): the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: 1) due to 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.



Appendix B

Client/User Provided Information

ATTACHMENT E **USER QUESTIONNAIRE**

In order to qualify for one of the Landowner Liability protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”), the User must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The User should provide the following information to the environmental professional. **Failure to conduct these inquiries could result in a determination that “all appropriate inquiries” is not complete.**

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

Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the Site under federal, tribal, state, or local law? If yes, please explain.

No environmental liens filed or recorded against the site that I am aware of.

(2.) Activity and use limitations (AULs) that are in place on the Site or that have been filed or recorded against the Site (40 CFR 312.26(a)(1)(v) and (vi)).

Did a search of recorded title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the Site and/or have been filed or recorded against the Site under federal, tribal, state or local law? If yes, please explain.

None that I am aware of.

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

Do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? If yes, please explain.

Yes, I am an environmental professional employed by BHE. I also have knowledge pertaining to previous Phase 1 ESAs that have been conducted at this site.

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

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

Yes

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

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

(a.) Do you know the past uses of the Site? If yes, please explain.

Coal fired power plant.

(b.) Do you know of specific chemicals that are present or once were present at the Site? If yes, please explain.

Currently present: diesel fuel, mineral oil, AFFF

(c.) Do you know of spills or other chemical releases that have taken place at the Site? If yes, please explain.

15 gallon diesel fuel spill on 11/03/2023.

100 gallon lube oil spill on 05/24/2011.

(d.) Do you know of any environmental cleanups that have taken place at the Site? If yes, please explain.

Yes, diesel spill cleanup following spill on 11/03/2023; NFA from SDDANR on 06/24/2024.

Lube oil spill in 2011 was cleaned up - NFA from SDDANR on 06/03/2011.

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

Based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of releases at the Site? If yes, please explain.

There are 4 very old diesel engines, 4 CTs at this site as well as the capacity for 2,031,000 gallons of fuel as well as a fire suppression system containing AFFF. This site was historically the home of a coal-fired power plant. I would expect contamination.

Prepared By (print name) Kristi Chamley

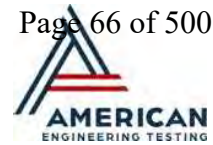
Signature Kristi Chamley

As a representative of: Black Hills Energy

Dated: 01/28/2025

REVIEWED

By Robert Prann at 12:26 pm, Jan 29, 2025



Appendix C

Records Review Documentation



DATABASE REPORT

REVIEWED

By Robert Prann at 3:47 pm, Jan 30, 2025

Project Property:	<i>Ben French Power Plant 409 Deadwood Avenue Rapid City SD 57702</i>
Project No:	<i>2088375</i>
Report Type:	<i>Database Report</i>
Order No:	<i>25011700365</i>
Requested by:	<i>Historical Information Gatherers</i>
Date Completed:	<i>January 21, 2025</i>

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Executive Summary

Property Information:

Project Property: *Ben French Power Plant
409 Deadwood Avenue Rapid City SD 57702*

Project No: *2088375*

Coordinates:

Latitude:	<i>44.08675383</i>
Longitude:	<i>-103.26147446</i>
UTM Northing:	<i>4,882,977.84</i>
UTM Easting:	<i>639,182.20</i>
UTM Zone:	<i>13T</i>

Elevation: *3,330 FT*

Order Information:

Order No: *25011700365*

Date Requested: *January 17, 2025*

Requested by: *Historical Information Gatherers*

Report Type: *Database Report*

Historicals/Products:

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Standard Environmental Records</u>								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	1	-	-	1
RCRA VSQG	Y	0.25	1	0	1	-	-	2
RCRA NON GEN	Y	0.25	0	0	2	-	-	2
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	1	-	-	-	-	1
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0

State

SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	1	0	-	1
LUST	Y	0.5	3	0	7	10	-	20
LAST	Y	0.5	6	0	1	3	-	10
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	1	1	4	-	-	6
AST	Y	0.25	1	0	2	-	-	3
DTNK	Y	0.25	0	1	0	-	-	1
INST	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0

Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County*No County standard environmental record sources available for this State.***Additional Environmental Records****Federal**

PFAS GHG	Y	0.5	0	0	0	0	-	0
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	6	-	-	-	-	6
TRIS	Y	PO	1	-	-	-	-	1
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	2	-	2
PFAS SSEHRI	Y	0.5	0	0	0	1	-	1

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	2	-	2
HMIRS	Y	0.125	1	0	-	-	-	1
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	6	-	-	-	-	6
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	8	8
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	1	0	1	-	-	2
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	1	-	-	-	-	1
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	1	0	0	0	-	1
POWER PLANTS	Y	0.125	1	0	-	-	-	1

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
State								
SPILLS	Y	0.125	6	0	-	-	-	6
PFAS	Y	0.5	0	0	0	1	-	1
CDL	Y	0.25	0	0	0	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.5	0	0	0	0	-	0
TIER 2	Y	0.125	1	0	-	-	-	1
Tribal								
No Tribal additional environmental record sources available for this State.								
County								
No County additional environmental record sources available for this State.								
Total:			38	2	20	19	8	87

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	ERNS		409 DEADWOOD AVENUE RAPID CITY SD 57702 <i>NRC Report No: 866564</i>	W	0.00 / 0.00	-25	31
1	RCRA VSQG	BLACK HILLS POWER - BEN FRENCH PLANT	409 DEADWOOD AVENUE RAPID CITY SD 57702 <i>EPA Handler ID Recycler Activity?: SDD181009242 NO</i>	W	0.00 / 0.00	-25	33
1	FINDS/FRS	BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	-25	35
1	SPILLS	Line Leak - Ben French Station	409 Deadwood Avenue, CT #2 Rapid City SD 57702 <i>ID Status: 2011.050 C</i>	W	0.00 / 0.00	-25	36
1	SPILLS	Ben French Station - Equipment Leak	409 Deadwood Rapid City SD 57702 <i>ID Status: 2008.055 C</i>	W	0.00 / 0.00	-25	36
1	SPILLS	Ben French Station (see 91.060 & comments)	Diesel Generator Rapid City SD 57701 <i>ID Status: 2000.373 NFA</i>	W	0.00 / 0.00	-25	37
1	SPILLS	Ben French Coal / Coal Ash Site - BHP	409 Deadwood Avenue Rapid City SD 57709 <i>ID Status: 2014.057 C</i>	W	0.00 / 0.00	-25	37
1	SPILLS	Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702 <i>ID Status: 98.196 NFA</i>	W	0.00 / 0.00	-25	38
1	LUST	Ben French Station (see 91.060 & comments) Line Leak	409 Deadwood Avenue Rapid City SD 57701 <i>ID Status: 94.207 Closed</i>	W	0.00 / 0.00	-25	38
1	LUST	Deadwood Avenue Lands	409 Deadwood Avenue Rapid City SD 57702 <i>ID Status: 97010.000 Closed</i>	W	0.00 / 0.00	-25	38
1	LUST	Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702 <i>ID Status: 93.333 Closed</i>	W	0.00 / 0.00	-25	39
1	UST	CUSTOMER SERVICE CENTER	409 DEADWOOD AVE Rapid City SD 57702 <i>Facility ID: 02-00079</i>	W	0.00 / 0.00	-25	39
1	LAST	Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57701 <i>Site ID ID Status: 6319 2001.034 No Further Action</i>	W	0.00 / 0.00	-25	40

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	LAST	Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702 <i>Site ID ID Status: 3552 94.017 Closed</i>	W	0.00 / 0.00	-25	40
1	LAST	Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702 <i>Site ID ID Status: 3583 94.048 Closed</i>	W	0.00 / 0.00	-25	41
1	LAST	Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702 <i>Site ID ID Status: 1374 90.139 Closed</i>	W	0.00 / 0.00	-25	41
1	LAST	Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702 <i>Site ID ID Status: 1888 90.653 Closed</i>	W	0.00 / 0.00	-25	41
1	AST	BEN FRENCH STATION	393 DEADWOOD AVE Rapid City SD 57702 <i>Facility ID: 0200024</i>	W	0.00 / 0.00	-25	42
1	LAST	Ben French Station (see comments)	409 Deadwood Avenue Rapid City SD 57702 <i>Site ID ID Status: 1950 91.060 No Further Action</i>	W	0.00 / 0.00	-25	43
1	ICIS	BLACK HILLS CORP - BEN FRENCH POWER PLANT	409 DEADWOOD AVENUE RAPID CITY SD 57702 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	-25	43
1	ICIS	BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	-25	44
1	ICIS	BLACK HILLS POWER (BEN FRENCH)	409 DEADWOOD AVENUE RAPID CITY SD 57709 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	-25	44
1	ICIS	BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	-25	44
1	ICIS	BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	-25	44
1	ICIS	BLACK HILLS POWER, INC	409 DEADWOOD AVE. RAPID CITY SD 57709 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	-25	45
1	FINDS/FRS	BLACK HILLS POWER & LIGHT	409 DEADWOOD AVE RAPID CITY SD 57702-0391 <i>Registry ID: 110068106178</i>	W	0.00 / 0.00	-25	45
1	PCB	BLACK HILLS POWER & LIGHT	409 DEADWOOD AVENUE & 2 MILES N RAPID CITY SD 57702 <i>Site ID: SDD181009242</i>	W	0.00 / 0.00	-25	46
1	TIER 2	Black Hills Power, Inc. - Ben French Plant & Service Center	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	-25	46

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	HMIRS		409 DEADWOOD AVE RAPID CITY SD	W	0.00 / 0.00	-25	47
1	TRIS	BLACK HILLS CORP - BEN FRENCH POWER PLANT	409 DEADWOOD AVE RAPID CITY SD 57701	W	0.00 / 0.00	-25	48
1	FINDS/FRS	BLACK HILLS POWER - BEN FRENCH PLANT	409 DEADWOOD AVENUE RAPID CITY SD 57702 <i>Registry ID: 110070754504</i>	W	0.00 / 0.00	-25	116
1	ALT FUELS	HORIZON POINT RCSC SE #1	409 Deadwood Ave Rapid City SD 57702 <i>ID: 201244</i>	W	0.00 / 0.00	-25	116
1	AFS	BLACK HILLS POWER (BEN FRENCH)	409 DEADWOOD AVENUE RAPID CITY SD 57709	W	0.00 / 0.00	-25	117
1	FINDS/FRS	RAPID CITY SERVICE CENTER SITE DEVELOPMENT	409 DEADWOOD AVE RAPID CITY SD 57702 <i>Registry ID: 110071279000</i>	W	0.00 / 0.00	-25	143
1	FINDS/FRS	BEN FRENCH TO LANGE	BEN FRENCH SUBSTATION (409 DEADWOOD AVE) TO LANGE RAPID CITY SD 57702 <i>Registry ID: 110071323865</i>	W	0.00 / 0.00	-25	144
1	SPILLS	BH Power Ben French	393 Deadwood Ave Rapid City SD 57702 <i>ID Status: 2023.159 NFA</i>	W	0.00 / 0.00	-25	144
1	FINDS/FRS	BLACK HILL POWER & LIGHT COMPANY (BEN FRENCH)	393 DEADWOOD AVE RAPID CITY SD 57702 <i>Registry ID: 110071720258</i>	W	0.00 / 0.00	-25	145
1	POWER PLANTS	Ben French	393 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	-25	145

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	DTNK	CIRCLE K	123 DEADWOOD AVENUE Rapid City SD 57702	ESE	0.08 / 425.50	-12	146
2	UST	CIRCLE K STORE #512	2460 WEST CHICAGO STREET Rapid City SD 57702 Facility ID: 02-00390	ESE	0.08 / 425.50	-12	146
3	SWF/LF	BHP&L, Ben French	Within city limits of Rapid City SD	WNW	0.14 / 753.87	-19	147
4	LUST	Sinclair Fleet Fueling Facility - Line Leak	501 Deadwood Avenue Rapid City SD 57702 ID Status: 96.351 Closed	NNW	0.15 / 792.24	7	147
4	UST	CORNER PANTRY #14	501 DEADWOOD AVENUE Rapid City SD 57702 Facility ID: 02-00299	NNW	0.15 / 792.24	7	148
4	AST	BLACK HILLS OIL - GASCARD	501 DEADWOOD AVE Rapid City SD 57709 Facility ID: 0200002	NNW	0.15 / 792.24	7	149
5	AST	BLACK HILLS PACKING CO.	1330 W. CHICAGO Rapid City SD 57709 Facility ID: 0200013	ESE	0.17 / 891.10	-51	149
6	RCRA VSQG	VITRAN EXPRESS	540 DEADWOOD AVENUE SUITE 330 RAPID CITY SD 57702 EPA Handler ID Recycler Activity?: SDR000003798 NO	N	0.17 / 906.42	36	150
6	LUST	Barber Transportation Company	540 Deadwood Avenue Rapid City SD 57702 ID Status: 91.028 Closed	N	0.17 / 906.42	36	151
6	UST	BARBER TRANSPORTATION CO	540 DEADWOOD AVE Rapid City SD 57709 Facility ID: 02-00129	N	0.17 / 906.42	36	152
6	LAST	Former Barber Transportation - Assessment	540 Deadwood Avenue Rapid City SD 57702 Site ID ID Status: 5936 2000.038 Closed	N	0.17 / 906.42	36	153
6	RCRA SQG	FEDEX FREIGHT RAP	540 DEADWOOD AVE STE 216 RAPID CITY SD 57702-0395	N	0.17 / 906.42	36	153

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
EPA Handler ID: SDR000219261							
7	LUST	Northwest Pipe Fittings - Tank Removals	2309 West Omaha Street Rapid City SD 57702-2462	SE	0.18 / 946.53	17	160
ID Status: 91.526 No Further Action							
7	UST	NORTHWEST PIPE FITTINGS INC	2309 W OMAHA ST Rapid City SD 57701	SE	0.18 / 946.53	17	161
Facility ID: 02-00057							
8	RCRA NON GEN	POMP'S TIRE SERVICE, INC.	691 DEADWOOD AVENUE RAPID CITY SD 57702	NNW	0.21 / 1,101.81	23	161
EPA Handler ID Recycler Activity?: SDR000222216 NO							
9	LUST	U-Haul Facility #725069 - Line Leaks	20 Deadwood Avenue Rapid City SD 57702-0322	ESE	0.22 / 1,137.97	-57	162
ID Status: 97.214 Closed							
9	UST	U-HAUL CO	20 DEADWOOD AVE Rapid City SD 57701	ESE	0.22 / 1,137.97	-57	163
Facility ID: 02-00020							
9	ALT FUELS	U-Haul	20 Deadwood Ave Rapid City SD 57702	ESE	0.22 / 1,137.97	-57	163
ID: 19900							
10	RCRA NON GEN	DAKOTA BATTERIES AND ELECTRIC, INC.	740 DEADWOOD AVENUE RAPID CITY SD 57702	N	0.22 / 1,168.96	34	164
EPA Handler ID Recycler Activity?: SDR000222208 NO							
11	LUST	Brewer Tire Co.	Deadwood Ave. Rapid City SD 57702	N	0.22 / 1,187.42	27	165
ID Status: 89001.000 Closed							
12	LUST	Church Heating & Cooling	2520 West Main St. Rapid City SD 57702-2424	S	0.24 / 1,251.04	-22	165
ID Status: 94.151 Closed							
13	LUST	Clean ATP - Cedar Investment Property	500 Krebs Drive Rapid City SD 57702-8004	NE	0.24 / 1,265.75	-18	166
ID Status: 2003005.000 Closed							
14	LAST	Ward and Company	651 Industrial Drive Rapid City SD 57701	NW	0.26 / 1,354.97	2	166
Site ID ID Status: 2773 92.183 Closed							
15	LUST	Hill Top Pie Shop - Tank Removals	2600 West Main Rapid City SD 57702-2491	S	0.26 / 1,389.89	-5	166
ID Status: 93.096 Closed							
16	PFAS IND	SDARNG - CAMP RAPID	RAPID CITY SD	SSW	0.27 / 1,416.59	-1	167

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
17	LAST	GCC Dacotah - Sight Glass Failure	501 N. Saint Onge Street Rapid City SD 57702	WNW	0.27 / 1,430.23	-24	168
			Site ID ID Status: 11621 2010.036 Closed				
18	LUST	Moyle Petroleum - Culligan - Surface Spills	2447 West Main St. Rapid City SD 57702-2421	S	0.29 / 1,510.60	-32	168
			ID Status: 94.025 Closed				
19	LUST	Concord Station Site	2308 West Main Rapid City SD 57702	SE	0.29 / 1,512.22	-57	168
			ID Status: 2008.135 No Further Action				
19	LAST	Concord Station (tank in vault)	2308 West Main Rapid City SD 57702-2420	SE	0.29 / 1,512.22	-57	169
			Site ID ID Status: 359 85.091 Closed				
19	LUST	Former Tidal Station - Tank System Removal	2308 West Main Street Rapid City SD 57702	SE	0.29 / 1,512.22	-57	169
			ID Status: 2018.037 No Further Action				
20	LUST	ATP - Birdsall Central Mix Plant	2900 West Chicago Street Rapid City SD 57702-0384	W	0.29 / 1,524.41	1	169
			ID Status: 2001.038 Closed				
21	PFAS FED SITES	Joint Forces Headquarters SD	SD	SW	0.30 / 1,596.85	16	170
22	LUST	Hardees Site - Petroleum Contamination (see 85.091)	2300 West Main Street Rapid City SD 57702	SE	0.30 / 1,604.22	-65	170
			ID Status: 88.041 Closed				
23	LUST	Clean ATP - SDANG Headquarters	2823 West Main, Bldg 400 (hdqtrs) Rapid City SD 57702	SW	0.38 / 1,999.34	19	171
			ID Status: 2009003.000 Closed				
23	PFAS	Site Assessment-Joint Forces Headquarters	2823 West Main Street Rapid City SD 57702	SW	0.38 / 1,999.34	19	171
24	LUST	South Dakota Cement Plant - Tank Removal	Cement Plant Road Rapid City SD 57701	WNW	0.38 / 2,025.65	-2	171
			ID Status: 90.158 Closed				
25	PFAS SSEHRI	West Camp Rapid	SD	SW	0.41 / 2,152.94	16	172

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
26	LUST	South Dakota Cement Plant - Tank Removals	Cement Plant Road Rapid City SD 57701 <i>ID Status:</i> 90.159 Closed	WNW	0.41 / 2,171.58	-3	172
27	LUST	Big D Texaco - Hose Spill	3010 West Main (St. Onge & West Main) Rapid City SD 57702-8106 <i>ID Status:</i> 97.232 Closed	WSW	0.43 / 2,271.89	22	172
28	PFAS FED SITES	Rapid City Airport Complex	SD	SW	0.47 / 2,506.93	12	173
29	PFAS IND	GCC DACOTAH	RAPID CITY SD	WNW	0.48 / 2,523.42	10	173
30	MRDS	DAKOTA CEMENT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10251058	NW	0.55 / 2,915.58	4	174
31	MRDS	HAYDITE PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10177475	SE	0.60 / 3,183.72	-61	175
31	MRDS	HOFFMAN PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10251211	SE	0.60 / 3,183.72	-61	175
31	MRDS	LANGE SAND PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10135509	SE	0.60 / 3,183.72	-61	175
31	MRDS	PREENE PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10257079	SE	0.60 / 3,183.72	-61	176
31	MRDS	GYP PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10299374	SE	0.60 / 3,183.72	-61	176
32	MRDS	LIGHT AGGREGATES INC KILN	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10177510	NW	0.93 / 4,932.43	48	177
33	MRDS	DAKOTA LIME & BRICK CO QUARRY	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID:</i> 10275305	NW	0.97 / 5,110.55	86	177

Executive Summary: Summary by Data Source

Standard

Federal

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Oct 21, 2024 has found that there are 1 RCRA SQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FEDEX FREIGHT RAP	540 DEADWOOD AVE STE 216 RAPID CITY SD 57702-0395	N	0.17 / 906.42	6
<i>EPA Handler ID: SDR000219261</i>				

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Oct 21, 2024 has found that there are 2 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VITRAN EXPRESS	540 DEADWOOD AVENUE SUITE 330 RAPID CITY SD 57702	N	0.17 / 906.42	6
<i>EPA Handler ID Recycler Activity?: SDR000003798 NO</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLACK HILLS POWER - BEN FRENCH PLANT	409 DEADWOOD AVENUE RAPID CITY SD 57702	W	0.00 / 0.00	1
<i>EPA Handler ID Recycler Activity?: SDD181009242 NO</i>				

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Oct 21, 2024 has found that there are 2 RCRA NON GEN site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
POMP'S TIRE SERVICE, INC.	691 DEADWOOD AVENUE RAPID CITY SD 57702	NNW	0.21 / 1,101.81	8
<i>EPA Handler ID Recycler Activity?: SDR000222216 NO</i>				
DAKOTA BATTERIES AND ELECTRIC, INC.	740 DEADWOOD AVENUE RAPID CITY SD 57702	N	0.22 / 1,168.96	10
<i>EPA Handler ID Recycler Activity?: SDR000222208 NO</i>				

ERNS - Emergency Response Notification System

A search of the ERNS database, dated Oct 15, 2024 has found that there are 1 ERNS site(s) within approximately 0.02miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	409 DEADWOOD AVENUE RAPID CITY SD 57702	W	0.00 / 0.00	1
NRC Report No: 866564				

State**SWF/LF - Solid Waste Facilities/Landfill Sites**

A search of the SWF/LF database, dated Nov 13, 2024 has found that there are 1 SWF/LF site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BHP&L, Ben French	Within city limits of Rapid City SD	WNW	0.14 / 753.87	3

LUST - Leaking Underground Storage Tanks

A search of the LUST database, dated Oct 18, 2024 has found that there are 20 LUST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Sinclair Fleet Fueling Facility - Line Leak	501 Deadwood Avenue Rapid City SD 57702 ID Status: 96.351 Closed	NNW	0.15 / 792.24	4
Barber Transportation Company	540 Deadwood Avenue Rapid City SD 57702 ID Status: 91.028 Closed	N	0.17 / 906.42	6
Northwest Pipe Fittings - Tank Removals	2309 West Omaha Street Rapid City SD 57702-2462 ID Status: 91.526 No Further Action	SE	0.18 / 946.53	7
Brewer Tire Co.	Deadwood Ave. Rapid City SD 57702 ID Status: 89001.000 Closed	N	0.22 / 1,187.42	11
ATP - Birdsall Central Mix Plant	2900 West Chicago Street Rapid City SD 57702-0384 ID Status: 2001.038 Closed	W	0.29 / 1,524.41	20
Clean ATP - SDANG Headquarters	2823 West Main, Bldg 400 (hdqtrs) Rapid City SD 57702 ID Status: 2009003.000 Closed	SW	0.38 / 1,999.34	23
Big D Texaco - Hose Spill	3010 West Main (St. Onge & West Main) Rapid City SD 57702-8106 ID Status: 97.232 Closed	WSW	0.43 / 2,271.89	27

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1
	ID Status: 93.333 Closed			
Deadwood Avenue Lands	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1
	ID Status: 97010.000 Closed			
Ben French Station (see 91.060 & comments) Line Leak	409 Deadwood Avenue Rapid City SD 57701	W	0.00 / 0.00	1
	ID Status: 94.207 Closed			
U-Haul Facility #725069 - Line Leaks	20 Deadwood Avenue Rapid City SD 57702-0322	ESE	0.22 / 1,137.97	9
	ID Status: 97.214 Closed			
Church Heating & Cooling	2520 West Main St. Rapid City SD 57702-2424	S	0.24 / 1,251.04	12
	ID Status: 94.151 Closed			
Clean ATP - Cedar Investment Property	500 Krebs Drive Rapid City SD 57702-8004	NE	0.24 / 1,265.75	13
	ID Status: 2003005.000 Closed			
Hill Top Pie Shop - Tank Removals	2600 West Main Rapid City SD 57702-2491	S	0.26 / 1,389.89	15
	ID Status: 93.096 Closed			
Moyle Petroleum - Culligan - Surface Spills	2447 West Main St. Rapid City SD 57702-2421	S	0.29 / 1,510.60	18
	ID Status: 94.025 Closed			
Former Tidal Station - Tank System Removal	2308 West Main Street Rapid City SD 57702	SE	0.29 / 1,512.22	19
	ID Status: 2018.037 No Further Action			
Concord Station Site	2308 West Main Rapid City SD 57702	SE	0.29 / 1,512.22	19
	ID Status: 2008.135 No Further Action			
Hardees Site - Petroleum Contamination (see 85.091)	2300 West Main Street Rapid City SD 57702	SE	0.30 / 1,604.22	22
	ID Status: 88.041 Closed			
South Dakota Cement Plant - Tank Removal	Cement Plant Road Rapid City SD 57701	WNW	0.38 / 2,025.65	24
	ID Status: 90.158 Closed			
South Dakota Cement Plant - Tank Removals	Cement Plant Road Rapid City SD 57701	WNW	0.41 / 2,171.58	26
	ID Status: 90.159 Closed			

LAST - Leaking Aboveground Storage Tanks

A search of the LAST database, dated Oct 18, 2024 has found that there are 10 LAST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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Former Barber Transportation - Assessment	540 Deadwood Avenue Rapid City SD 57702	N	0.17 / 906.42	6
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Site ID | ID | Status: 5936 | 2000.038 | Closed

Ward and Company	651 Industrial Drive Rapid City SD 57701	NW	0.26 / 1,354.97	14
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Site ID | ID | Status: 2773 | 92.183 | Closed

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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Ben French Station (see comments)	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1
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Site ID | ID | Status: 1950 | 91.060 | No Further Action

Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1
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Site ID | ID | Status: 1374 | 90.139 | Closed

Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1
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Site ID | ID | Status: 3583 | 94.048 | Closed

Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1
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Site ID | ID | Status: 1888 | 90.653 | Closed

Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57701	W	0.00 / 0.00	1
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Site ID | ID | Status: 6319 | 2001.034 | No Further Action

Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1
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Site ID | ID | Status: 3552 | 94.017 | Closed

GCC Dacotah - Sight Glass Failure	501 N. Saint Onge Street Rapid City SD 57702	WNW	0.27 / 1,430.23	17
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Site ID | ID | Status: 11621 | 2010.036 | Closed

Concord Station (tank in vault)	2308 West Main Rapid City SD 57702-2420	SE	0.29 / 1,512.22	19
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Site ID | ID | Status: 359 | 85.091 | Closed

UST - Underground Storage Tanks

A search of the UST database, dated Nov 11, 2024 has found that there are 6 UST site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CORNER PANTRY #14	501 DEADWOOD AVENUE Rapid City SD 57702	NNW	0.15 / 792.24	4
	Facility ID: 02-00299			
BARBER TRANSPORTATION CO	540 DEADWOOD AVE Rapid City SD 57709	N	0.17 / 906.42	6
	Facility ID: 02-00129			
NORTHWEST PIPE FITTINGS INC	2309 W OMAHA ST Rapid City SD 57701	SE	0.18 / 946.53	7
	Facility ID: 02-00057			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CUSTOMER SERVICE CENTER	409 DEADWOOD AVE Rapid City SD 57702	W	0.00 / 0.00	1
	Facility ID: 02-00079			
CIRCLE K STORE #512	2460 WEST CHICAGO STREET Rapid City SD 57702	ESE	0.08 / 425.50	2
	Facility ID: 02-00390			
U-HAUL CO	20 DEADWOOD AVE Rapid City SD 57701	ESE	0.22 / 1,137.97	9
	Facility ID: 02-00020			

AST - Aboveground Storage Tank Data in South Dakota

A search of the AST database, dated Nov 11, 2024 has found that there are 3 AST site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLACK HILLS OIL - GASCARD	501 DEADWOOD AVE Rapid City SD 57709	NNW	0.15 / 792.24	4
	Facility ID: 0200002			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BEN FRENCH STATION	393 DEADWOOD AVE Rapid City SD 57702	W	0.00 / 0.00	1
	Facility ID: 0200024			
BLACK HILLS PACKING CO.	1330 W. CHICAGO Rapid City SD 57709	ESE	0.17 / 891.10	5
	Facility ID: 0200013			

DTNK - Delisted Storage Tanks

A search of the DTNK database, dated Nov 11, 2024 has found that there are 1 DTNK site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CIRCLE K	123 DEADWOOD AVENUE Rapid City SD 57702	ESE	0.08 / 425.50	2

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 1, 2024 has found that there are 6 FINDS/FRS site(s) within approximately 0.02miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
RAPID CITY SERVICE CENTER SITE DEVELOPMENT	409 DEADWOOD AVE RAPID CITY SD 57702 <i>Registry ID: 110071279000</i>	W	0.00 / 0.00	1
BLACK HILLS POWER & LIGHT	409 DEADWOOD AVE RAPID CITY SD 57702-0391 <i>Registry ID: 110068106178</i>	W	0.00 / 0.00	1
BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709 <i>Registry ID: 110012375599</i>	W	0.00 / 0.00	1
BLACK HILL POWER & LIGHT COMPANY (BEN FRENCH)	393 DEADWOOD AVE RAPID CITY SD 57702 <i>Registry ID: 110071720258</i>	W	0.00 / 0.00	1
BLACK HILLS POWER - BEN FRENCH PLANT	409 DEADWOOD AVENUE RAPID CITY SD 57702 <i>Registry ID: 110070754504</i>	W	0.00 / 0.00	1
BEN FRENCH TO LANGE	BEN FRENCH SUBSTATION (409 DEADWOOD AVE) TO LANGE RAPID CITY SD 57702 <i>Registry ID: 110071323865</i>	W	0.00 / 0.00	1

TRIS - Toxics Release Inventory (TRI) Program

A search of the TRIS database, dated Sep 20, 2023 has found that there are 1 TRIS site(s) within approximately 0.02miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLACK HILLS CORP - BEN FRENCH POWER PLANT	409 DEADWOOD AVE RAPID CITY SD 57701	W	0.00 / 0.00	1

PFAS FED SITES - Federal Agency Locations with Known or Suspected PFAS Detections

A search of the PFAS FED SITES database, dated Oct 24, 2024 has found that there are 2 PFAS FED SITES site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Joint Forces Headquarters SD	SD	SW	0.30 / 1,596.85	21
Rapid City Airport Complex	SD	SW	0.47 / 2,506.93	28

PFAS SSEHRI - SSEHRI PFAS Contamination Sites

A search of the PFAS SSEHRI database, dated Jun 27, 2024 has found that there are 1 PFAS SSEHRI site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
West Camp Rapid	SD	SW	0.41 / 2,152.94	25

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Dec 16, 2024 has found that there are 2 PFAS IND site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GCC DACOTAH	RAPID CITY SD	WNW	0.48 / 2,523.42	29

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SDARNG - CAMP RAPID	RAPID CITY SD	SSW	0.27 / 1,416.59	16

HMIRS - Hazardous Materials Information Reporting System

A search of the HMIRS database, dated May 29, 2024 has found that there are 1 HMIRS site(s) within approximately 0.12miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	409 DEADWOOD AVE RAPID CITY SD	W	0.00 / 0.00	1

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Apr 13, 2024 has found that there are 6 ICIS site(s) within approximately 0.02miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709	W	0.00 / 0.00	1
	Registry ID: 110012375599			
BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709	W	0.00 / 0.00	1
	Registry ID: 110012375599			
BLACK HILLS POWER (BEN FRENCH)	409 DEADWOOD AVENUE RAPID CITY SD 57709	W	0.00 / 0.00	1
	Registry ID: 110012375599			
BLACK HILLS POWER, INC. - BEN FRENCH	409 DEADWOOD AVENUE RAPID CITY SD 57709	W	0.00 / 0.00	1
	Registry ID: 110012375599			
BLACK HILLS CORP - BEN FRENCH POWER PLANT	409 DEADWOOD AVENUE RAPID CITY SD 57702	W	0.00 / 0.00	1
	Registry ID: 110012375599			
BLACK HILLS POWER, INC	409 DEADWOOD AVE. RAPID CITY SD 57709	W	0.00 / 0.00	1
	Registry ID: 110012375599			

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 8 MRDS site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DAKOTA CEMENT	PENNINGTON COUNTY RAPID CITY SD 57702	NW	0.55 / 2,915.58	30
	Dep ID: 10251058			
LIGHT AGGREGATES INC KILN	PENNINGTON COUNTY RAPID CITY SD 57702	NW	0.93 / 4,932.43	32
	Dep ID: 10177510			
DAKOTA LIME & BRICK CO QUARRY	PENNINGTON COUNTY RAPID CITY SD 57702	NW	0.97 / 5,110.55	33
	Dep ID: 10275305			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GYP PIT	PENNINGTON COUNTY RAPID CITY SD 57702	SE	0.60 / 3,183.72	31
	Dep ID: 10299374			
PREENE PIT	PENNINGTON COUNTY RAPID CITY SD 57702	SE	0.60 / 3,183.72	31
	Dep ID: 10257079			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
LANGE SAND PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID: 10135509</i>	SE	0.60 / 3,183.72	31
HOFFMAN PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID: 10251211</i>	SE	0.60 / 3,183.72	31
HAYDITE PIT	PENNINGTON COUNTY RAPID CITY SD 57702 <i>Dep ID: 10177475</i>	SE	0.60 / 3,183.72	31

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Aug 29, 2024 has found that there are 2 ALT FUELS site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HORIZON POINT RCSC SE #1	409 Deadwood Ave Rapid City SD 57702 <i>ID: 201244</i>	W	0.00 / 0.00	1
U-Haul	20 Deadwood Ave Rapid City SD 57702 <i>ID: 19900</i>	ESE	0.22 / 1,137.97	9

AFS - Air Facility System

A search of the AFS database, dated Oct 17, 2014 has found that there are 1 AFS site(s) within approximately 0.02miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLACK HILLS POWER (BEN FRENCH)	409 DEADWOOD AVENUE RAPID CITY SD 57709	W	0.00 / 0.00	1

PCB - Polychlorinated Biphenyl (PCB) Notifiers

A search of the PCB database, dated May 23, 2024 has found that there are 1 PCB site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLACK HILLS POWER & LIGHT	409 DEADWOOD AVENUE & 2 MILES N RAPID CITY SD 57702 <i>Site ID: SDD181009242</i>	W	0.00 / 0.00	1

POWER PLANTS - Power Plants

A search of the POWER PLANTS database, dated Apr 15, 2024 has found that there are 1 POWER PLANTS site(s) within approximately 0.12miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Ben French	393 Deadwood Avenue Rapid City SD 57702	W	0.00 / 0.00	1

State

SPILLS - Spills

A search of the SPILLS database, dated Oct 18, 2024 has found that there are 6 SPILLS site(s) within approximately 0.12miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Ben French Station (see 91.060 & comments)	409 Deadwood Avenue Rapid City SD 57702 <i>ID Status: 98.196 NFA</i>	W	0.00 / 0.00	1
Ben French Station (see 91.060 & comments)	Diesel Generator Rapid City SD 57701 <i>ID Status: 2000.373 NFA</i>	W	0.00 / 0.00	1
Ben French Coal / Coal Ash Site - BHP	409 Deadwood Avenue Rapid City SD 57709 <i>ID Status: 2014.057 C</i>	W	0.00 / 0.00	1
Ben French Station - Equipment Leak	409 Deadwood Rapid City SD 57702 <i>ID Status: 2008.055 C</i>	W	0.00 / 0.00	1
BH Power Ben French	393 Deadwood Ave Rapid City SD 57702 <i>ID Status: 2023.159 NFA</i>	W	0.00 / 0.00	1
Line Leak - Ben French Station	409 Deadwood Avenue, CT #2 Rapid City SD 57702 <i>ID Status: 2011.050 C</i>	W	0.00 / 0.00	1

PFAS - Per- and Polyfluoroalkyl Substances (PFAS)

A search of the PFAS database, dated Oct 18, 2024 has found that there are 1 PFAS site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Site Assessment-Joint Forces Headquarters	2823 West Main Street Rapid City SD 57702	SW	0.38 / 1,999.34	23

TIER 2 - Tier 2 Report

A search of the TIER 2 database, dated May 13, 2024 has found that there are 1 TIER 2 site(s) within approximately 0.12miles of the project property.

Lower Elevation**Address****Direction****Distance (mi/ft)****Map Key**

Black Hills Power, Inc. - Ben
French Plant & Service Center

409 Deadwood Avenue
Rapid City SD 57702

W

0.00 / 0.00

| [1](#)

44°6'N

44°5'30"N

44°5'N

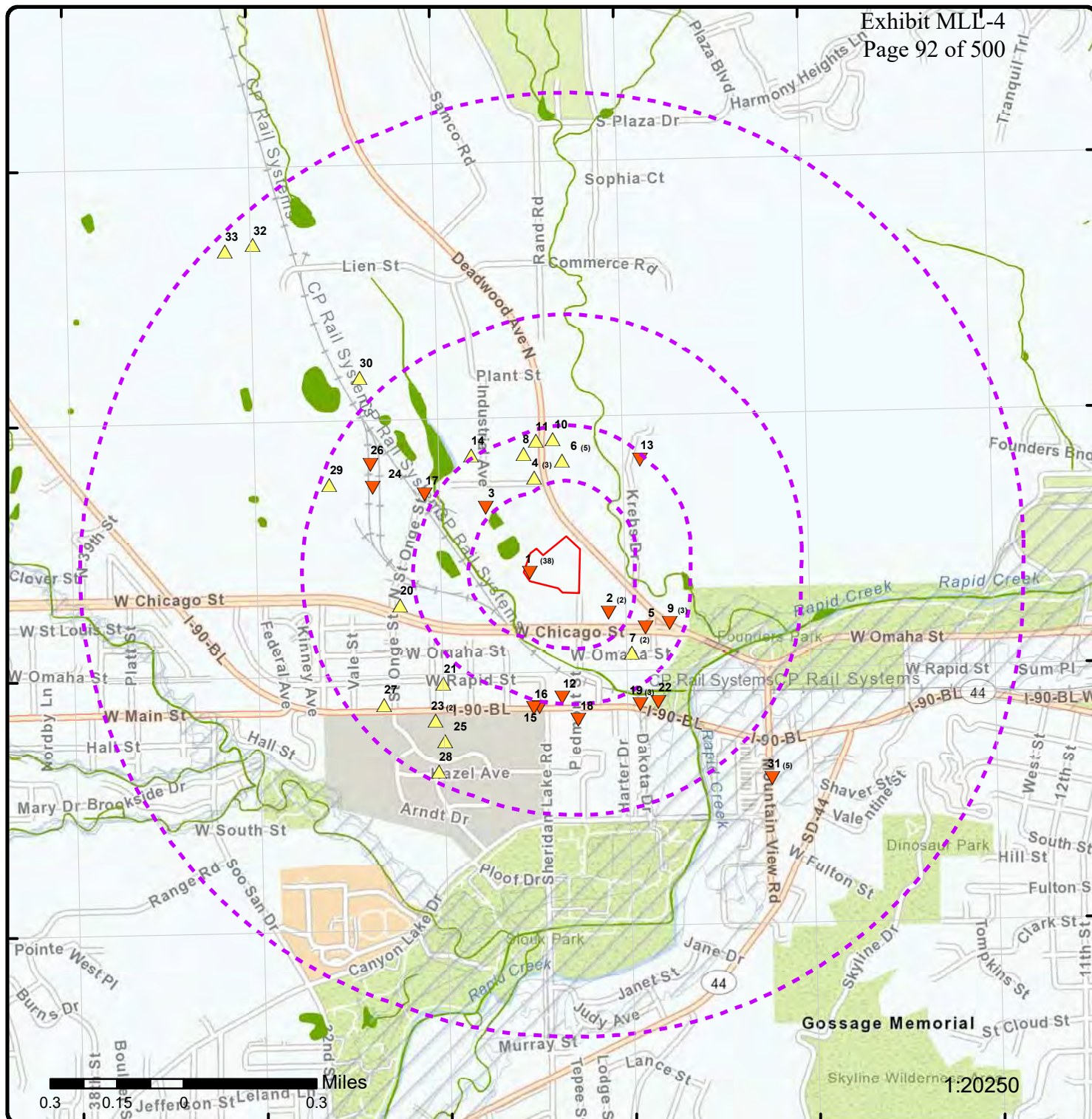
44°4'30"N

44°6'N

44°5'30"N

44°5'N

44°4'30"N



Map: 1.0 Mile Radius

Order Number: 25011700365

Address: 409 Deadwood Avenue, Rapid City, SD



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▲ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

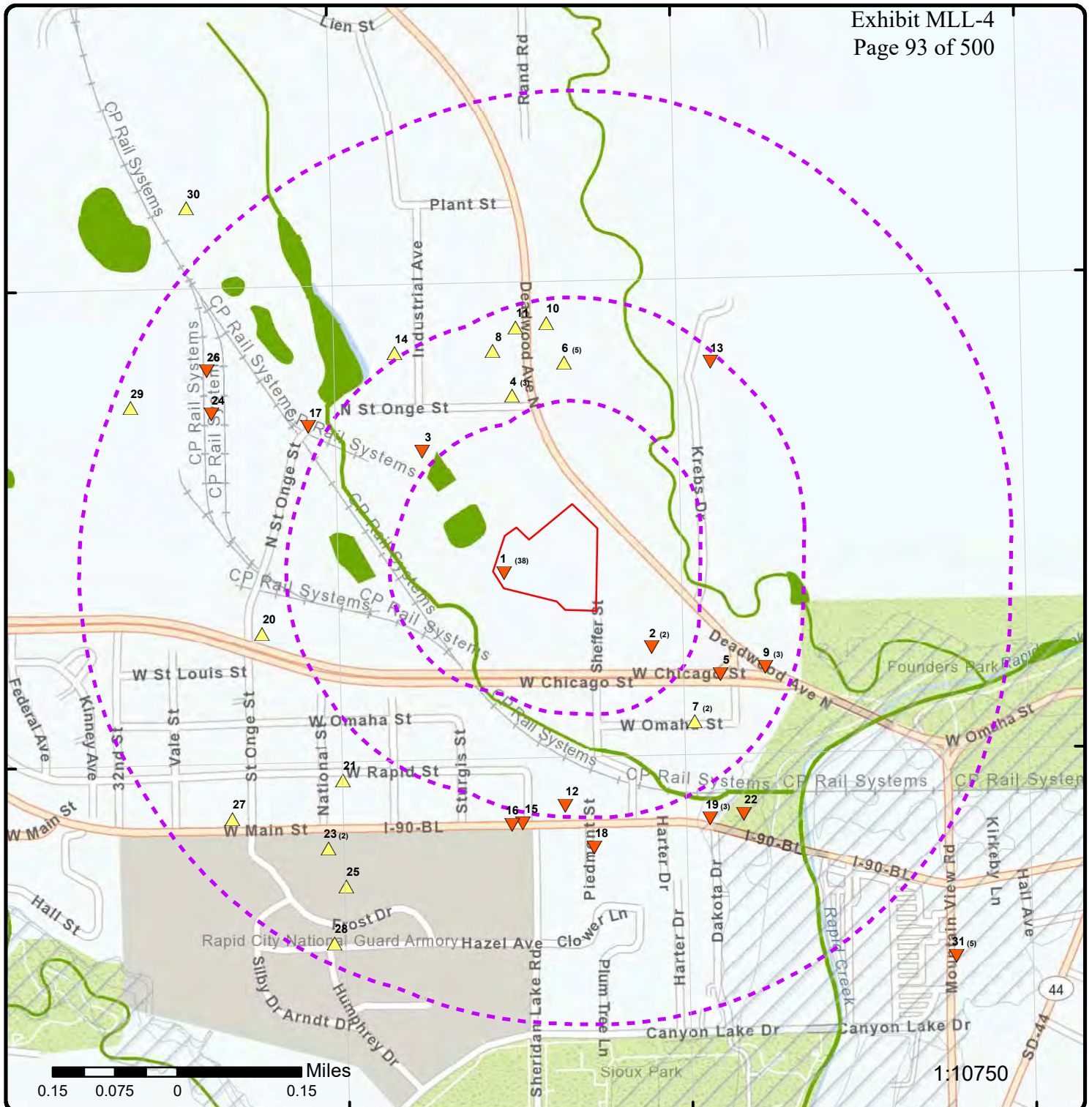
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.5 Mile Radius

Order Number: 25011700365

Address: 409 Deadwood Avenue, Rapid City, SD



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▲ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

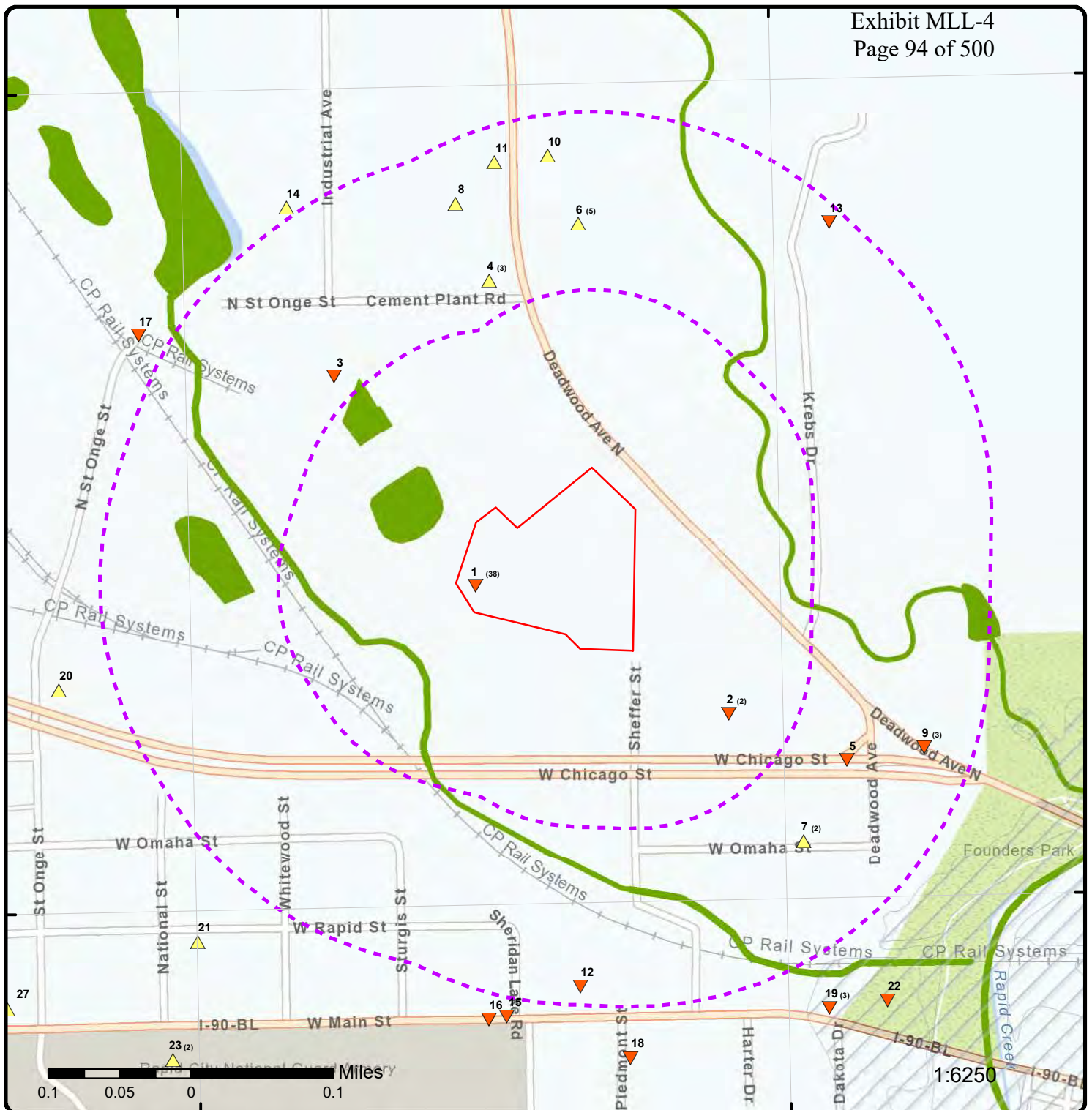
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 25011700365

Address: 409 Deadwood Avenue, Rapid City, SD



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

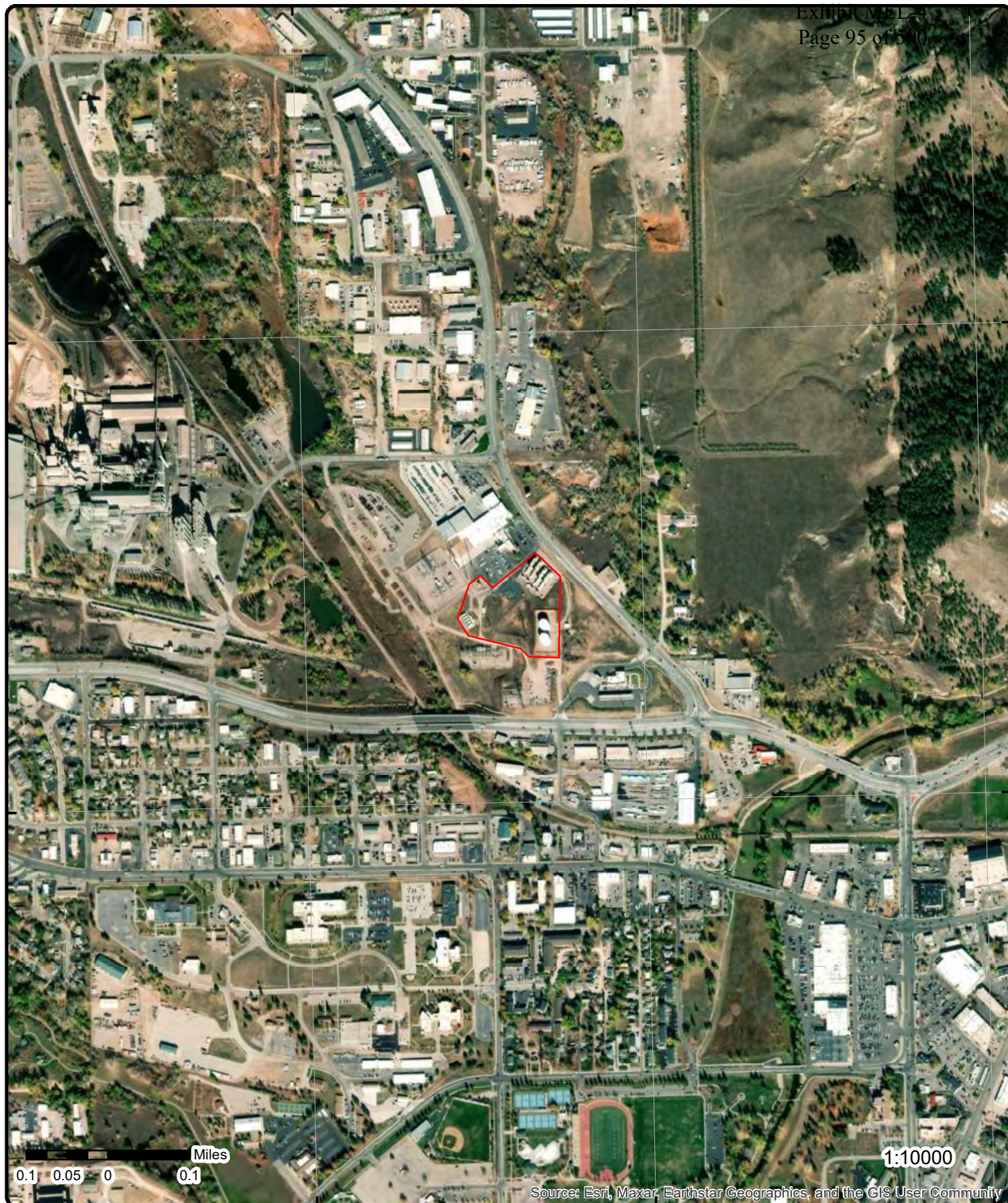
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



Aerial Year: 2022

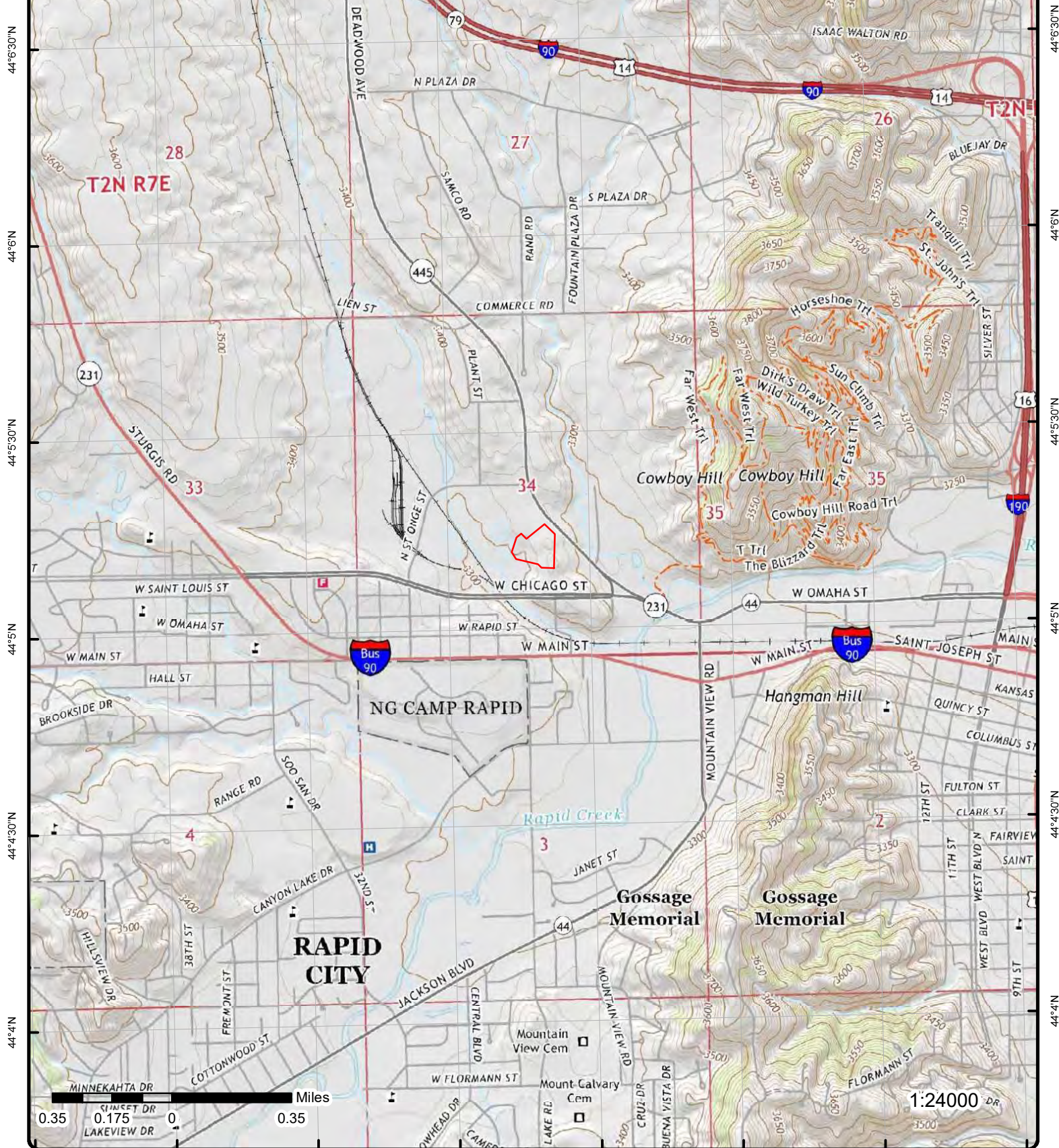
Address: 409 Deadwood Avenue, Rapid City, SD

Source: ESRI World Imagery

Order Number: 25011700365



© ERIS Information Inc.



Topographic Map Year: 2021

Address: 409 Deadwood Avenue, SD

Quadrangle(s): Rapid City West SD, Rapid City East SD

Source: USGS Topographic Map

Order Number: 25011700365



© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 38	W	0.00 / 0.00	3,305.04 / -25	409 DEADWOOD AVENUE RAPID CITY SD 57702	ERNS

NRC Report No: 866564
Type of Incident: UNKNOWN SHEEN
Incident Cause: UNKNOWN
Incident Date: 31-Mar-2008 11:00:00
Incident Location: UNKNOWN SHEEN INCIDENT
Incident Dtg: DISCOVERED
Distance from City:
Distance Units:
Direction from City:
Location County: PENNINGTON
Potential Flag: No
Year: Year 2008 Reports
Description of Incident: CALLER IS REPORTING A DISCHARGE OF DIESEL FROM AN UNKNOWN SOURCE DUE TO UNKNOWN CAUSES. THE RELEASE WENT DOWN A RAVINE AND INTO LIME CREEK WHICH LEADS TO RAPID CREEK. CALLER BELIEVES THAT A CONTRACTOR MAY HAVE CAUSED THE SPILL.

Material Spill Information

Chris Code: OUN
CAS No: 000000-00-0
UN No:
Name of Material: UNKNOWN OIL
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
If Reached Water: YES
Amount in Water: 0
Unit Reach Water: UNKNOWN AMOUNT

Calls Information

Date Time Received: 31-Mar-2008 16:20:41
Date Time Complete: 31-Mar-2008 16:31:33
Call Type: INC
Resp Company:
Resp Org Type: UNKNOWN
Responsible City:
Responsible State: XX
Responsible Zip:
Source: TELEPHONE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Description of Tank:
Actual Amount:
Actual Amount Units:
Tank Above Ground: ABOVE
NPDES:
NPDES Compliance: U
Init Contin Rel No:
Contin Rel Permit:
Contin Release Type:
Aircraft ID:
Aircraft Runway No:
Aircraft Spot No:
Aircraft Type:
Aircraft Model:
Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSP No:
State Lease No:
Pier Dock No:
Berth Slip No:
Brake Failure: U
Airbag Deployed: U
Transport Contain: U
Location Subdiv:
Platform Rig Name:
Platform Letter:
Allision: U
Type of Structure:
Structure Name:
Structure Oper: U
Transit Bus Flag:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Aircraft Fuel Cap:					Date Time Norm Serv:
Aircraft Fuel Cap U:					Serv Disrupt Time:
Aircraft Fuel on Brd:					Serv Disrupt Units:
Aircraft Fuel OB U:					CR Begin Date:
Aircraft Hanger:					CR End Date:
Road Mile Marker:					CR Change Date:
Power Gen Facility:	U				FBI Contact:
Generating Capacity:					FBI Contact Dt Tm:
Type of Fixed Obj:					Passenger Handling:
Type of Fuel:					Passenger Route: XXX
DOT Crossing No:					Passenger Delay: XXX
DOT Regulated:	U				Sub Part C Test Req: XXX
Pipeline Type:					Conductor Test:
Pipeline Abv Ground:	ABOVE				Engineer Test:
Pipeline Covered:	U				Trainman Test:
Exposed Underwater:	N				Yard Foreman Test:
Railroad Hotline:					RCL Operator Test:
Railroad Milepost:					Brakeman Test:
Grade Crossing:	U				Train Dispat Test:
Crossing Device Ty:					Signalman Test:
Ty Vehicle Involved:					Oth Employee Test:
Device Operational:	Y				Unknown Test:

Incident Details Information

Release Secured:	U	State Agen Report No:	NONE
Release Rate:		State Agen on Scene:	NONE
Release Rate Unit:		State Agen Notified:	DNR
Release Rate Rate:		Fed Agency Notified:	NONE
Est Duration of Rel:		Oth Agency Notified:	
Desc Remedial Act:	ABSORBENTS AND FLOOR DRY USED TO COLLECT OIL. A CONTRACTOR CAME ON SITE WITH A BACK HOE CREATING CATCH DAMS. ATTEMPTING TO COLLECT SHEEN OFF OF WATER. AS OF 1200 THERE WAS NO MORE SHEEN.	Body of Water:	LIME CREEK
Fire Involved:	N	Tributary of:	RAPID CREEK
Fire Extinguished:	U	Near River Mile Make:	
Any Evacuations:	N	Near River Mile Mark:	
No Evacuated:		Offshore:	N
Who Evacuated:		Weather Conditions:	OVERCAST
Radius of Evac:		Air Temperature:	25
Any Injuries:	N	Wind Direction:	NW
No. Injured:		Wind Speed:	10
No. Hospitalized:		Wind Speed Unit:	MPH
No. Fatalities:		Water Supp Contam:	U
Any Fatalities:	N	Water Temperature:	
Any Damages:	N	Wave Condition:	
Damage Amount:		Current Speed:	
Air Corridor Closed:	N	Current Direction:	
Air Corridor Desc:		Current Speed Unit:	
Air Closure Time:		EMPL Fatality:	
Waterway Closed:	N	Pass Fatality:	
Waterway Desc:		Community Impact:	
Waterway Close Time:		Passengers Transfer:	NO
Road Closed:	N	Passenger Injuries:	
Road Desc:		Employee Injuries:	
Road Closure Time:		Occupant Fatality:	
Road Closure Units:		Sheen Size:	
Closure Direction:		Sheen Size Units:	
Major Artery:	No	Sheen Size Length:	
Track Closed:	N	Sheen Size Length U:	
Track Desc:		Sheen Size Width:	
Track Closure Time:		Sheen Size Width U:	
Track Closure Units:		Sheen Color:	
Track Close Dir:		Dir of Sheen Travel:	S
Media Interest:	NONE	Sheen Odor Desc:	DIESEL
Medium Desc:	WATER	Duration Unit:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	Page 99 of 500	DB
Addl Medium Info:			Additional Info:		CALLER HAS NO ADDITIONAL INFORMATION.		
1	2 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER - BEN FRENCH PLANT 409 DEADWOOD AVENUE RAPID CITY SD 57702	RCRA VSQG	
EPA Handler ID:		SDD181009242					
Gen Status Universe:		VSG					
Contact Name:		MIKE POGANY					
Contact Address:		409 , DEADWOOD AVENUE , , RAPID CITY , SD, 57702 ,					
Contact Phone No and Ext:		605-721-2737					
Contact Email:		MIKE.POGANY@BLACKHILLSCORP.COM					
Contact Country:							
County Name:		PENNINGTON					
EPA Region:		08					
Land Type:		Private					
Receive Date:		20160411					
Location Latitude:		44.129435					
Location Longitude:		-103.272028					
Recycler Activity?:		NO					
Recycler Activity Note:		This facility has no indication of Recycling Activity.					
<u>Violation/Evaluation Summary</u>							
Note:		NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Oct, 2024.					
<u>Evaluation Details</u>							
Evaluation Start Date:		20100623					
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION					
Violation Short Description:							
Return to Compliance Date:							
Evaluation Agency:		State-Initiated Oversight/Observation/Training Actions					
Evaluation Start Date:		20100623					
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION					
Violation Short Description:							
Return to Compliance Date:							
Evaluation Agency:		EPA-Initiated Oversight/Observation/Training Actions					
Evaluation Start Date:		20040621					
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION					
Violation Short Description:							
Return to Compliance Date:							
Evaluation Agency:		State					
Evaluation Start Date:		19980325					
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION					
Violation Short Description:							
Return to Compliance Date:							
Evaluation Agency:		State					
Evaluation Start Date:		19960918					
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION					
Violation Short Description:							
Return to Compliance Date:							
Evaluation Agency:		State					
Evaluation Start Date:		19950310					
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION					
Violation Short Description:							
Return to Compliance Date:							
Evaluation Agency:		State					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Recycler Activity:	No
Recycler Act W.O. Storage:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19930322
Handler Name:	BLACK HILLS POWER - BEN FRENCH
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20100629
Handler Name:	BLACK HILLS POWER - BEN FRENCH PLANT
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Implementer

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Sequence No: 1
Receive Date: 20160411
Handler Name: BLACK HILLS POWER - BEN FRENCH PLANT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	409
Type:	Private	Street 1:	DEADWOOD AVENUE
Name:	BLACK HILLS POWER, INC.	Street 2:	
Date Became Current:	19410827	City:	RAPID CITY
Date Ended Current:		State:	SD
Phone:	605-721-2737	Country:	US
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	57702

Owner/Operator Ind:	Current Owner	Street No:	409
Type:	Private	Street 1:	DEADWOOD AVENUE
Name:	BLACK HILLS POWER, INC.	Street 2:	
Date Became Current:	19410827	City:	RAPID CITY
Date Ended Current:		State:	SD
Phone:	605-721-2737	Country:	US
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	57702

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	PO BOX 1400
Name:	BLACK HILLS POWER AND LIGHT	Street 2:	
Date Became Current:		City:	RAPID CITY
Date Ended Current:		State:	SD
Phone:	605-342-3200	Country:	
Source Type:	Implementer	Zip Code:	57709

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	PO BOX 1400
Name:	BLACK HILLS POWER AND LIGHT	Street 2:	
Date Became Current:		City:	RAPID CITY
Date Ended Current:		State:	SD
Phone:	605-342-3200	Country:	
Source Type:	Notification	Zip Code:	57709

Historical Handler Details

Receive Dt: 20100629
Generator Code Description: Very Small Quantity Generator
Handler Name: BLACK HILLS POWER - BEN FRENCH PLANT

Receive Dt: 19930322
Generator Code Description: Small Quantity Generator
Handler Name: BLACK HILLS POWER - BEN FRENCH

<u>1</u>	3 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER, INC. - BEN FRENCH 409 DEADWOOD AVENUE RAPID CITY SD 57709	FINDS/FRS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Registry ID:	110012375599
FIPS Code:	46103
HUC Code:	10120110
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-00
Update Date:	01-JUN-17
Interest Types:	AIR MAJOR, AIR PROGRAM, COMPLIANCE ACTIVITY, ELECTRIC GENERATOR, ELECTRIC POWER GENERATOR (GAS BASED), ENFORCEMENT/COMPLIANCE ACTIVITY, FORMAL ENFORCEMENT ACTION, GREENHOUSE GAS REPORTER, ICIS-NPDES NON-MAJOR, TRI REPORTER, VSQG
SIC Codes:	4911
SIC Code Descriptions:	ELECTRIC SERVICES
NAICS Codes:	221112, 999999
NAICS Code Descriptions:	FOSSIL FUEL ELECTRIC POWER GENERATION.
Conveyor:	ICIS
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	00
Census Block Code:	461030114003075
EPA Region Code:	08
County Name:	PENNINGTON
US/Mexico Border Ind:	
Latitude:	44.089222
Longitude:	-103.265194
Reference Point:	POINT WHERE SUBSTANCE IS RELEASED
Coord Collection Method:	GPS - UNSPECIFIED
Accuracy Value:	3
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110012375599
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

<u>1</u>	4 of 38	W	0.00 / 0.00	3,305.04 / -25	Line Leak - Ben French Station 409 Deadwood Avenue, CT #2 Rapid City SD 57702	SPILLS
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ID:	2011.050	Dt Reported:	4/11/2011
Site ID:	11952	Dt Closed:	6/8/2011
Solid Wste Case No:		Consult:	
Abdn Tk Case Prg No:		Property Type:	Industrial
Dep Agri Case No:		Case Reviewer:	RL
PRCF No:		Tanks Yank:	
Status:	C	County:	Pennington
Status Name:	Closed	Acreage:	0.00
Regulated Tk:	False	Township:	
Site Type:	Other(See Case File)	Range:	
Source Type:	Operating System	Section:	
Spill Category:	Oil	Quarter:	
Cause Type:	Line Leak	Latitude:	44.0875
Material:	Lubricating Oil	Longitude:	-103.260834
Amount:	100.00000	Image Exists :	True
Units:	gallons	Micro Roll:	279
Spill Date:			
Respon Party:	Black Hills Power, Inc.		
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.		

<u>1</u>	5 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station - Equipment Leak	SPILLS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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**409 Deadwood
Rapid City SD 57702**

ID:	2008.055	Dt Reported:	3/31/2008
Site ID:	11137	Dt Closed:	7/25/2008
Solid Wste Case No:		Consult:	
Abdn Tk Case Prg No:		Property Type:	Industrial
Dep Agri Case No:		Case Reviewer:	BM
PRCF No:		Tanks Yank:	
Status:	C	County:	Pennington
Status Name:	Closed	Acreage:	100.00
Regulated Tk:	False	Township:	
Site Type:	Other(See Case File)	Range:	
Source Type:	Unknown(See Case File)	Section:	
Spill Category:	Petroleum	Quarter:	
Cause Type:	Spillage	Latitude:	44.0887833
Material:	Fuel Oil	Longitude:	-103.263252
Amount:	15.00000	Image Exists :	True
Units:	gallons	Micro Roll:	258
Spill Date:			
Respon Party:	Ceda, Inc.		
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.		

<u>1</u>	6 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) Diesel Generator Rapid City SD 57701	SPILLS
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ID:	2000.373	Dt Reported:	12/26/2000
Site ID:	6271	Dt Closed:	6/7/2007
Solid Wste Case No:		Consult:	
Abdn Tk Case Prg No:		Property Type:	Industrial
Dep Agri Case No:		Case Reviewer:	DM
PRCF No:	4397	Tanks Yank:	
Status:	NFA	County:	Pennington
Status Name:	No Further Action	Acreage:	0.00
Regulated Tk:	False	Township:	2N
Site Type:	Other(See Case File)	Range:	7E
Source Type:	Equipment	Section:	
Spill Category:	Petroleum	Quarter:	
Cause Type:	Handling	Latitude:	44.0865746
Material:	diesel fuel	Longitude:	-103.262672
Amount:	100.00000	Image Exists :	True
Units:	gallons	Micro Roll:	266
Spill Date:			
Respon Party:	Black Hills Power and Light		
Status Description:	The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.		

<u>1</u>	7 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Coal / Coal Ash Site - BHP 409 Deadwood Avenue Rapid City SD 57709	SPILLS
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ID:	2014.057	Dt Reported:	4/11/2014
Site ID:	12979	Dt Closed:	3/2/2016
Solid Wste Case No:		Consult:	
Abdn Tk Case Prg No:		Property Type:	Industrial
Dep Agri Case No:		Case Reviewer:	RF
PRCF No:		Tanks Yank:	
Status:	C	County:	Pennington
Status Name:	Closed	Acreage:	0.00
Regulated Tk:	False	Township:	
Site Type:	Other(See Case File)	Range:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Source Type: Materials Spill Category: Other(See Case File) Cause Type: Handling Material: Coal / Coal Ash Amount: 0.00000 Units: Spill Date: Respon Party: Black Hills Power Corporation Status Description: The case has met cleanup requirements and is no longer being investigated. The files should be available for review.						
Section: Quarter: Latitude: 44.0874176 Longitude: -103.262924 Image Exists : True Micro Roll: 302						
<u>1</u>	8 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) 409 Deadwood Avenue Rapid City SD 57702	SPILLS
ID: 98.196 Site ID: 5304 Solid Wste Case No: Abdn Tk Case Prg No: Dep Agri Case No: PRCF No: 3520 Status: NFA Status Name: No Further Action Regulated Tk: False Site Type: Other(See Case File) Source Type: Equipment Spill Category: Petroleum Cause Type: Equipment Failure Material: diesel fuel Amount: 0.00000 Units: Spill Date: Respon Party: Black Hills Power and Light Status Description: The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.						
Dt Reported: 8/6/1998 Dt Closed: 6/7/2007 Consult: Property Type: Industrial Case Reviewer: DM Tanks Yank: County: Pennington Acreage: 0.00 Township: Range: Section: Quarter: Latitude: 44.0869 Longitude: -103.262054 Image Exists : True Micro Roll: 267						
<u>1</u>	9 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) Line Leak 409 Deadwood Avenue Rapid City SD 57701	LUST
ID: 94.207 Site ID: 3742 Abdn Tk Case Prg No: PRCF No: Status: Closed Regulated Tk: True Site Type: Other(See Case File) Source Type: UST Spill Category: Petroleum Cause Type: Line Leak Amount: 10.00000 Units: gallons Dt Reported: 7/8/1994 Dt Closed: 2/9/1996 Respon Party: Black Hills Power & Light Status Description: The case has met cleanup requirements and is no longer being investigated. The files should be available for review.						
Material: Diesel Solid Wste Case No: Property Type: Industrial Case Reviewer: BL Acreage: 0.00 County: Pennington Township: 2N Range: 7E Section: 34 Quarter: SW Latitude: 44.08779 Longitude: -103.261536 Images Exist: True Micro Roll:						
<u>1</u>	10 of 38	W	0.00 / 0.00	3,305.04 / -25	Deadwood Avenue Lands 409 Deadwood Avenue Rapid City SD 57702	LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
ID:	97010.000				Material:	
Site ID:	8638				Solid Wste Case No:	
Abdn Tk Case Prg No:					Property Type:	Other(See Case File)
PRCF No:	3223				Case Reviewer:	JN
Status:	Closed				Acreage:	0.00
Regulated Tk:	True				County:	Pennington
Site Type:	Clean Site				Township:	
Source Type:	UST				Range:	
Spill Category:	Other(See Case File)				Section:	
Cause Type:	No Release				Quarter:	
Amount:	0.00000				Latitude:	44.0873146
Units:					Longitude:	-103.260307
Dt Reported:	6/23/1997				Images Exist:	True
Dt Closed:	7/9/1997				Micro Roll:	
Respon Party:	Black Hills Power and Light					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

1 11 of 38 W 0.00 / 0.00 3,305.04 / -25 Ben French Station (see 91.060 & comments) 409 Deadwood Avenue Rapid City SD 57702 LUST

ID:	93.333				Material:	Fuel Oil
Site ID:	3348				Solid Wste Case No:	
Abdn Tk Case Prg No:	2464				Property Type:	Industrial
PRCF No:	6391				Case Reviewer:	DM
Status:	Closed				Acreage:	0.00
Regulated Tk:	True				County:	Pennington
Site Type:	ATP				Township:	
Source Type:	UST				Range:	
Spill Category:	Petroleum				Section:	
Cause Type:	Leaks and Spills				Quarter:	
Amount:					Latitude:	44.0866127
Units:					Longitude:	-103.260582
Dt Reported:	10/15/1993				Images Exist:	True
Dt Closed:	6/13/2006				Micro Roll:	217,245
Respon Party:	Black Hills Power & Light					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

1 12 of 38 W 0.00 / 0.00 3,305.04 / -25 CUSTOMER SERVICE CENTER 409 DEADWOOD AVE Rapid City SD 57702 UST

Facility ID: 02-00079

DENR Underground Storage Tanks Database

Facility Name: CUSTOMER SERVICE CENTER
Address: 409 DEADWOOD AVE
City: Rapid City
Zip Code: 57702
Active: FALSE
System Type: UST
Owner Name: BLACK HILLS POWER & LIGHT CO

DENR Underground Storage Tanks Database Tank Info

Tank No: 2 Tank LD:
Compartment No: 1 Pipe Material: Coated Steel
Tank Status: Removed Pipe Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Product:	Gasoline				Pipe LD:	
Volume:	10000				Spill Prevention:	
Year Installed:	1981				Overfill Protectn:	
Tank Construction:	Steel				Tnk Equip Citation:	
Tank No:	3				Tank LD:	
Compartment No:	1				Pipe Material:	Coated Steel
Tank Status:	Removed				Pipe Type:	
Product:	Used Oil				Pipe LD:	
Volume:	560				Spill Prevention:	
Year Installed:	1981				Overfill Protectn:	
Tank Construction:	Steel				Tnk Equip Citation:	
Tank No:	1				Tank LD:	
Compartment No:	1				Pipe Material:	Coated Steel
Tank Status:	Removed				Pipe Type:	
Product:	Diesel				Pipe LD:	
Volume:	10000				Spill Prevention:	
Year Installed:	1981				Overfill Protectn:	
Tank Construction:	Steel				Tnk Equip Citation:	

<u>1</u>	13 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) 409 Deadwood Avenue Rapid City SD 57701	LAST
Site ID:	6319				Material:	diesel fuel
ID:	2001.034				Units:	gallons
Abdn Tk Case Prg No:					Amount:	100.00000
Dep Agri Case No:					Acreage:	0.00
PRCF No:	4434				Images Exist:	True
Source Type:	AST				Micro Roll:	274
Spill Category:	Petroleum				Respon Party:	Black Hills Power and Light
Cause Type:	Equipment Failure				County:	Pennington
Site Type:	Other(See Case File)				Latitude:	44.086483
Property Type:	Industrial				Longitude:	-103.262856
Dt Reported:	2/13/2001				Township:	
Dt Closed:	1/26/2010				Range:	
Regulated Tk:	True				Section:	
Inst Cntrls:					Quarter:	
Status:	No Further Action				Case Reviewer:	DM
Status Description:	The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.					

<u>1</u>	14 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) 409 Deadwood Avenue Rapid City SD 57702	LAST
Site ID:	3552				Material:	Diesel #2
ID:	94.017				Units:	gallons
Abdn Tk Case Prg No:					Amount:	75.00000
Dep Agri Case No:					Acreage:	0.00
PRCF No:	2625				Images Exist:	True
Source Type:	AST				Micro Roll:	245
Spill Category:	Petroleum				Respon Party:	Black Hills Power & Light
Cause Type:	Line Leak				County:	Pennington
Site Type:	Other(See Case File)				Latitude:	44.08682
Property Type:	Industrial				Longitude:	-103.2609
Dt Reported:	2/15/1994				Township:	
Dt Closed:	6/13/2006				Range:	
Regulated Tk:	True				Section:	
Inst Cntrls:					Quarter:	
Status:	Closed				Case Reviewer:	DM
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
1	15 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) 409 Deadwood Avenue Rapid City SD 57702	LAST
Site ID:	3583			Material:	Diesel	
ID:	94.048			Units:	gallons	
Abdn Tk Case Prg No:				Amount:	1600.00000	
Dep Agri Case No:				Acreage:	0.00	
PRCF No:	2640			Images Exist:	True	
Source Type:	AST			Micro Roll:	245	
Spill Category:	Petroleum			Respon Party:	Black Hills Power & Light	
Cause Type:	Overfill			County:	Pennington	
Site Type:	Other(See Case File)			Latitude:	44.0863647	
Property Type:	Industrial			Longitude:	-103.260872	
Dt Reported:	3/16/1994			Township:	2N	
Dt Closed:	6/13/2006			Range:	7E	
Regulated Tk:	True			Section:	34	
Inst Cntrls:				Quarter:	SW	
Status:	Closed			Case Reviewer:	DM	
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					
1	16 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) 409 Deadwood Avenue Rapid City SD 57702	LAST
Site ID:	1374			Material:	Diesel #2	
ID:	90.139			Units:	gallons	
Abdn Tk Case Prg No:				Amount:	1500.00000	
Dep Agri Case No:				Acreage:	0.00	
PRCF No:	580			Images Exist:	True	
Source Type:	AST			Micro Roll:		
Spill Category:	Petroleum			Respon Party:	Black Hills Power & Light	
Cause Type:	Leaks and Spills			County:	Pennington	
Site Type:	Other(See Case File)			Latitude:	44.088	
Property Type:	Industrial			Longitude:	-103.2618	
Dt Reported:	4/30/1990			Township:		
Dt Closed:	6/30/2000			Range:		
Regulated Tk:	True			Section:		
Inst Cntrls:				Quarter:		
Status:	Closed			Case Reviewer:	BL	
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					
1	17 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French Station (see 91.060 & comments) 409 Deadwood Avenue Rapid City SD 57702	LAST
Site ID:	1888			Material:	Diesel #2	
ID:	90.653			Units:	gallons	
Abdn Tk Case Prg No:				Amount:	5000.00000	
Dep Agri Case No:				Acreage:	0.00	
PRCF No:	1306			Images Exist:	True	
Source Type:	AST			Micro Roll:		
Spill Category:	Petroleum			Respon Party:	Black Hills Power & Light	
Cause Type:	Spillage			County:	Pennington	
Site Type:	Other(See Case File)			Latitude:	44.08817	
Property Type:	Industrial			Longitude:	-103.261505	
Dt Reported:	12/31/1990			Township:		

Tank LD:
Pipe Material: Steel
Pipe Type:
Pipe LD:
Spill Prevention:
Overfill Protectn:
Tnk Equip Citation:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Tank No:	1				Tank LD:	Secondary Containment
Compartment No:	1				Pipe Material:	Steel
Tank Status:	Current				Pipe Type:	Aboveground
Product:	Diesel				Pipe LD:	Secondary Containment
Volume:	1000000				Spill Prevention:	
Year Installed:	1987				Overfill Protectn:	
Tank Construction:	Steel/Vertical				Tnk Equip Citation:	
Tank No:	4				Tank LD:	Secondary Containment
Compartment No:	1				Pipe Material:	Steel
Tank Status:	Current				Pipe Type:	Aboveground
Product:	Diesel				Pipe LD:	Secondary Containment
Volume:	31000				Spill Prevention:	
Year Installed:	1970				Overfill Protectn:	
Tank Construction:	Steel/Vertical				Tnk Equip Citation:	
Tank No:	7				Tank LD:	Secondary Containment
Compartment No:	1				Pipe Material:	Fuel Hose
Tank Status:	Current				Pipe Type:	Aboveground
Product:	Diesel				Pipe LD:	Not Applicable
Volume:	500				Spill Prevention:	
Year Installed:	1978				Overfill Protectn:	
Tank Construction:	Steel/Horizontal				Tnk Equip Citation:	
Tank No:	2				Tank LD:	Secondary Containment
Compartment No:	1				Pipe Material:	Steel
Tank Status:	Current				Pipe Type:	Aboveground
Product:	Diesel				Pipe LD:	Secondary Containment
Volume:	1000000				Spill Prevention:	
Year Installed:	1987				Overfill Protectn:	
Tank Construction:	Steel/Vertical				Tnk Equip Citation:	

1 19 of 38 W 0.00 / 0.00 3,305.04 / -25 Ben French Station (see comments) 409 Deadwood Avenue Rapid City SD 57702 LAST

Site ID:	1950	Material:	Diesel #2
ID:	91.060	Units:	gallons
Abdn Tk Case Prg No:		Amount:	100.00000
Dep Agri Case No:		Acreage:	0.00
PRCF No:	1463	Images Exist:	True
Source Type:	AST	Micro Roll:	272,278
Spill Category:	Petroleum	Respon Party:	Black Hills Power & Light
Cause Type:	Leaks and Spills	County:	Pennington
Site Type:	Other(See Case File)	Latitude:	44.08583
Property Type:	Industrial	Longitude:	-103.26088
Dt Reported:	2/14/1991	Township:	
Dt Closed:	6/7/2007	Range:	
Regulated Tk:	True	Section:	
Inst Cntrls:		Quarter:	
Status:	No Further Action	Case Reviewer:	DM
Status Description:	The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.		

1 20 of 38 W 0.00 / 0.00 3,305.04 / -25 BLACK HILLS CORP - BEN FRENCH POWER PLANT 409 DEADWOOD AVENUE RAPID CITY SD 57702 ICIS

EPA Region:	08	Federal Fac ID:	
Registry ID:	110012375599	Tribal Land Code:	
Pgm Sys ID:	SDD181009242	County:	Pennington
Pgm Sys Acnm:	RCRAINFO	Latitude 83:	44.0874
Permit Type:		Longitude 83:	-103.2627

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
1	21 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER, INC. - BEN FRENCH 409 DEADWOOD AVENUE RAPID CITY SD 57709	ICIS

EPA Region:	08	Federal Fac ID:	
Registry ID:	110012375599	Tribal Land Code:	
Pgm Sys ID:	600005605	County:	PENNINGTON
Pgm Sys Acnrm:	ICIS	Latitude 83:	44.0874
Permit Type:		Longitude 83:	-103.26270000000001

Details

Interest Type:	ENFORCEMENT/COMPLIANCE ACTIVITY	Public Ind:	Yes
Active Status:		FIPS Code:	46103
Accuracy Value:	100	HUC 8 Code:	10120110
Pgm Report URL:	no data yet	HUC 12:	101201100202
Federal Agency Name:			
Federal Land Ind:			
Fed Facility Code:	No		
Ref Point Desc:	CENTER OF A FACILITY OR STATION		
Collect Mth Desc:	INTERPOLATION-MAP		
Fac URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110012375599		
Program URL:			

1	22 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER (BEN FRENCH) 409 DEADWOOD AVENUE RAPID CITY SD 57709	ICIS
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EPA Region:	08	Federal Fac ID:	
Registry ID:	110012375599	Tribal Land Code:	
Pgm Sys ID:	SD0000004610300001	County:	Pennington
Pgm Sys Acnrm:	AIR	Latitude 83:	44.089222
Permit Type:		Longitude 83:	-103.265194

1	23 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER, INC. - BEN FRENCH 409 DEADWOOD AVENUE RAPID CITY SD 57709	ICIS
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EPA Region:	08	Federal Fac ID:	
Registry ID:	110012375599	Tribal Land Code:	
Pgm Sys ID:	52081	County:	PENNINGTON
Pgm Sys Acnrm:	ICIS	Latitude 83:	44.0874
Permit Type:		Longitude 83:	-103.26270000000001

Details

Interest Type:	ENFORCEMENT/COMPLIANCE ACTIVITY	Public Ind:	Yes
Active Status:		FIPS Code:	46103
Accuracy Value:	100	HUC 8 Code:	10120110
Pgm Report URL:	no data yet	HUC 12:	101201100202
Federal Agency Name:			
Federal Land Ind:			
Fed Facility Code:	No		
Ref Point Desc:	CENTER OF A FACILITY OR STATION		
Collect Mth Desc:	INTERPOLATION-MAP		
Fac URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110012375599		
Program URL:			

1	24 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER, INC. - BEN FRENCH	ICIS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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**409 DEADWOOD AVENUE
RAPID CITY SD 57709**

EPA Region:	08	Federal Fac ID:	
Registry ID:	110012375599	Tribal Land Code:	
Pgm Sys ID:	19812	County:	PENNINGTON
Pgm Sys Acnm:	ICIS	Latitude 83:	44.0874
Permit Type:		Longitude 83:	-103.26270000000001

Details

Interest Type:	FORMAL ENFORCEMENT ACTION	Public Ind:	Yes
Active Status:		FIPS Code:	46103
Accuracy Value:	100	HUC 8 Code:	10120110
Pgm Report URL:	no data yet	HUC 12:	101201100202
Federal Agency Name:			
Federal Land Ind:	No		
Fed Facility Code:			
Ref Point Desc:	CENTER OF A FACILITY OR STATION		
Collect Mth Desc:	INTERPOLATION-MAP		
Fac URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110012375599		
Program URL:			

Details

Interest Type:	ENFORCEMENT/COMPLIANCE ACTIVITY	Public Ind:	Yes
Active Status:		FIPS Code:	46103
Accuracy Value:	100	HUC 8 Code:	10120110
Pgm Report URL:	no data yet	HUC 12:	101201100202
Federal Agency Name:			
Federal Land Ind:	No		
Fed Facility Code:			
Ref Point Desc:	CENTER OF A FACILITY OR STATION		
Collect Mth Desc:	INTERPOLATION-MAP		
Fac URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110012375599		
Program URL:			

<u>1</u>	25 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER, INC 409 DEADWOOD AVE. RAPID CITY SD 57709	ICIS
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EPA Region:	08	Federal Fac ID:	
Registry ID:	110012375599	Tribal Land Code:	
Pgm Sys ID:	SD0000141	County:	Pennington
Pgm Sys Acnm:	NPDES	Latitude 83:	44.088806
Permit Type:	NPDES Individual Permit	Longitude 83:	-103.264528

<u>1</u>	26 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER & LIGHT 409 DEADWOOD AVE RAPID CITY SD 57702-0391	FINDS/FRS
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Registry ID:	110068106178
FIPS Code:	
HUC Code:	10120110
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	02-JUN-16
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEocode

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	00
Census Block Code:	461030114003063
EPA Region Code:	08
County Name:	PENNINGTON COUNTY
US/Mexico Border Ind:	
Latitude:	44.08847
Longitude:	-103.261226
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110068106178
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

1	27 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER & LIGHT 409 DEADWOOD AVENUE & 2 MILES N RAPID CITY SD 57702	PCB
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Site ID:	SDD181009242	Cert Title:	
Receive Date:		Cert Date:	2/2/1990 12:00:00 AM
Generator:	Yes	Cert Name:	
Storer:	No	State Name:	SOUTH DAKOTA
Transporter:	No	Region:	08
Disposer:	No	GIS Data Origin:	Auto-Geocoded
Research:	No	Latitude:	44.088816
Smelter:	No	Longitude:	-103.261537
Owner Name:	BLACK HILLS CORP		
Mail Address 1:	PO BOX 1400		
Mail Address 2:			
Mail Street No:			
Mail City:	RAPID CITY		
Mail State:	SD		
Mail Zip:	57709		
Mail Country:	US		
Contact Name:	TED MASSEY		
Contact Title:			
Contact Phone:	605-342-3200		
Contact Phone Ext:			
Contact Email:			

1	28 of 38	W	0.00 / 0.00	3,305.04 / -25	Black Hills Power, Inc. - Ben French Plant & Service Center 409 Deadwood Avenue Rapid City SD 57702	TIER 2
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Facility No:	PE 0031	X:	-103.26216971691834
County:	Pennington	Y:	44.08827987936759
Data Source:	TierII Facilities		

DENR Spills Viewer Details

Report ID:	61974	Facility Name:	Black Hills Power, Inc. - Ben French Plant & Service Center
Reporting Year:	2023	Owner Name:	Black Hills Power, Inc.
Signed:	2/19/2024, 7:00 PM	Parent Name:	
Closed:		Archived:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
<u>1</u>	29 of 38	W	0.00 / 0.00	3,305.04 / -25	409 DEADWOOD AVE RAPID CITY SD

HMIRS

Incident County: PENNINGTON

HMIR Historical Reports

Report No:	I-1993111012	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	1993-06-25	Report Submit Src:	Paper
Time of Incident:	1500	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	2.2	Mode Transport:	Highway
Commodity Short Nm:	CARBON DIOXIDE	Transport Phase:	In Transit Storage
Commodity Long Nm:	CARBON DIOXIDE	Incident Occrrnce:	
Trade Name:	CO2	Mat Ship Approval?:	No
ID No:	UN1013	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Cylinder
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	ARMSTRONG EXTINGUISHER SERVICE
Qty Released:	2.5	CR Street Name:	2609 SOUTH HIGHWAY 79
Unit of Measure:	Liquid - Gallon	CR City:	RAPID CITY
What Failed:	;	CR State:	SD
What Failed Desc:	;	CR Postal Code:	57701
How Failed Code:	303;	CR Non US State:	
How Failed Desc:	Burst or Ruptured;	CR Fed DOT ID:	0
Failure Cause Code:	508; 512	CR Hazmat Reg ID:	
Failure Cause Desc:	Defective Component or Device; Fire, Temperature, or Heat	CR Country:	US
Ident. Markings:		Shipper Name:	ARMSTRONG EXTINGUISHER SERVICE
Cont1 Pkging Type:		Shipper Street Name:	2609 SOUTH HWY 79
Cont1 Const Mat:		Shipper City:	RAPID CITY
Cont1 Head Type:		Shipper State:	SD
Cont1 Pkg Capacity:	2.5	Shipper Postal:	57701
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	
Cont1 Pkg Mnfctr:	LUXFER USA	Origin State:	
Cont1 Pkg Mnfcct Dt:	0-00-00 00:00:00	Origin Postal:	
Cont1 Pkg Serial NO:	116479	Origin Non US St:	
C1 Pkg Last Test Dt:	1993-03-01 00:00:00	Origin Country:	US
C1 Test Const Mat:		Destination City:	RAPID CITY
C1 Pkg Dsign Pres.:	0	Destination State:	SOUTH DAKOTA
C1 Dsign Press UOM:		Destination Postal:	57702
C1 Pkg Shell Thick:	0	Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:	0	Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0	Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	0
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	0
C1 Device Model:		Cont2 Pkg No Failed:	0
NRC No:			
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:	0	Employees Evac:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	Yes				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	No
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	ROB ARCHER
Damage > 500:	Yes				Contact Title:	GENERAL MANAGER
Material Loss:	5				Contact Business:	
Carrier Damage:	10000				Contact Street:	
Property Damage:	0				Contact City:	
Response Cost:	0				Contact State:	
Remediation Cost:	0				Contact Postal:	
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	10005				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respntrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatales:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	CYLINDER
Haz Hosp Old Form:	0				HMIS Container Code:	CYL MTL
Total Haz Hosp Inj:	0				HMIS Container Desc:	Cylindrical metal container, not for compressed gases (i. e., not a pressure vessel)
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:						20 # CYLINDER WAS FILLED, USED BY CUSTOMER. RETURNED, REFILLED, USED AND PLACED INTO A SERVICE VAN FOR THE WEEKEND. INCIDENT OCCURED WHILE VEHICLE WAS IN THERE LOT.
Recommend Actions Taken:						

<u>1</u>	30 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS CORP - BEN FRENCH POWER PLANT 409 DEADWOOD AVE RAPID CITY SD 57701	TRIS
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TRI FD:	57702BHPLB409DE
FRS ID:	110012375599
BIA:	
Tribe:	
Facility Name:	BLACK HILLS CORP - BEN FRENCH POWER PLANT
Street Address:	409 DEADWOOD AVE
City:	RAPID CITY
County:	PENNINGTON
State:	SD
Zip:	57701
Latitude:	44.087400
Longitude:	-103.262700

1998 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Cas No Compound ID:	0000071432				Underground C II-V:
Classification:	TRI				Landfills:
Primary SIC:	4911				RCRA C Landfill:
Primary NAICS:	221122				Other Landfills:
Metal:	NO				Land Treatment:
Carcinogen:	YES				Surface Impndmnt:
Fugitive Air:	548.000000				RCRA Surface IM:
Stack Air:	60.000000				Other Surface I:
Water:	0.000000				Other Disposal:
Chemical:		Benzene			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:	608.000000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	608.000000				
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

71-43-2

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	548.000000	RCRA Surface IM:	0.000000
Stack Air:	15.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	563.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	563.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007647010	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	6037.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	6037.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	6037.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

7647-01-0

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	658.000000	RCRA Surface IM:	0.000000
Stack Air:	1.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	659.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	659.000000		
One Time Release:			

0.000000

Horizontal Datum:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0000110543

Classification: TRI

Primary SIC: 4911

Primary NAICS: 221122

Metal: NO

Carcinogen: NO

Fugitive Air: 548.000000

Stack Air: 1.000000

Water: 0.000000

Chemical: n-Hexane

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

On Site Release Total: 549.000000

Off Site Release Total: 0.000000

Off Site Recycled Total: 0.000000

Total Releases: 549.000000

One Time Release:

0.000000

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0000108883

Classification: TRI

Primary SIC: 4911

Primary NAICS: 221112

Metal: NO

Carcinogen: NO

Fugitive Air: 1644.000000

Stack Air: 22.000000

Water: 0.000000

Chemical: Toluene

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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On Site Release Total:	1666.000000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	1666.000000				
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N040	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	1.000000	RCRA Surface IM:	0.000000
Stack Air:	3500.000000	Other Surface I:	0.000000
Water:	56.000000	Other Disposal:	0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	3557.000000		
Off Site Release Total:	73790.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	77347.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

1999 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Classification:	TRI				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221122				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	655.000000				RCRA Surface IM:	0.000000
Stack Air:	2.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Naphthalene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		657.000000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		657.000000				
One Time Release:						

0.000000

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0001330207				Underground C II-V:	0.000000
Classification:	TRI				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221122				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	548.000000				RCRA Surface IM:	0.000000
Stack Air:	4.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Xylene (mixed isomers)				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		552.000000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		552.000000				
One Time Release:						

0.000000

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N040	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	12.000000	RCRA Surface IM:	0.000000
Stack Air:	2329.000000	Other Surface I:	0.000000
Water:	51.000000	Other Disposal:	0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	2392.000000		
Off Site Release Total:	34731.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	37123.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000071432	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	546.000000	RCRA Surface IM:	0.000000
Stack Air:	17.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	563.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	563.000000		
One Time Release:			

0.000000

Horizontal Datum:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NAD83

CAS No:

71-43-2

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0000110543

Classification: TRI

Primary SIC: 4911

Primary NAICS: 221122

Metal: NO

Carcinogen: NO

Fugitive Air: 546.000000

Stack Air: 3.000000

Water: 0.000000

Chemical: n-Hexane

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

On Site Release Total: 549.000000

Off Site Release Total: 0.000000

Off Site Recycled Total: 0.000000

Total Releases: 549.000000

One Time Release:

0.000000

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0000108883

Classification: TRI

Primary SIC: 4911

Primary NAICS: 221112

Metal: NO

Carcinogen: NO

Fugitive Air: 1645.000000

Stack Air: 10.000000

Water: 0.000000

Chemical: Toluene

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

On Site Release Total: 1655.000000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	1655.000000				
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

2000 Details

TRI FD:	57702BHPLB409DE
Federal Facility:	NO
Cas No Compound ID:	0007439976
Classification:	PBT
Primary SIC:	4911
Primary NAICS:	221112
Metal:	YES
Carcinogen:	NO
Fugitive Air:	0.001724
Stack Air:	15.643000
Water:	0.020000
Chemical:	Mercury
Industry Sector Code:	2211
Industry Sector:	Electric Utilities
Parent Co Name:	BLACK HILLS CORP
On Site Release Total:	15.664724
Off Site Release Total:	6.000000
Off Site Recycled Total:	0.000000
Total Releases:	21.664724
One Time Release:	

Underground:	0.000000
Underground CL I:	0.000000
Underground C II-V:	0.000000
Landfills:	0.000000
RCRA C Landfill:	0.000000
Other Landfills:	0.000000
Land Treatment:	0.000000
Surface Impndmnt:	0.000000
RCRA Surface IM:	0.000000
Other Surface I:	0.000000
Other Disposal:	0.000000

0.000000

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE
Federal Facility:	NO
Cas No Compound ID:	N590
Classification:	PBT

Underground:	0.000000
Underground CL I:	0.000000
Underground C II-V:	0.000000
Landfills:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221122				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	0.000370				RCRA Surface IM: 0.000000
Stack Air:	0.262720				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:		Polycyclic aromatic compounds			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		0.263090			
Off Site Release Total:		0.000000			
Off Site Recycled Total:		0.000000			
Total Releases:		0.263090			
One Time Release:					
					0.000000
Horizontal Datum:					
NAD83					
CAS No:					
N590					
PFAS:					
NO					
PBT:					
YES					
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	N150				Underground C II-V: 0.000000
Classification:	Dioxin				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	0.000000				RCRA Surface IM: 0.000000
Stack Air:	0.221175				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:		Dioxin and dioxin-like compounds			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		0.221175			
Off Site Release Total:		0.000000			
Off Site Recycled Total:		0.000000			
Total Releases:		0.221175			
One Time Release:					
					0.000000
Horizontal Datum:					
NAD83					
CAS No:					
N150					
PFAS:					
NO					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	2.000000	RCRA Surface IM:	0.000000
Stack Air:	68.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	70.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	70.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	1.000000	RCRA Surface IM:	0.000000
Stack Air:	107.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	n-Hexane		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	108.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	108.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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CAS No:

110-54-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0000108883**Classification:** TRI**Primary SIC:** 4911**Primary NAICS:** 221112**Metal:** NO**Carcinogen:** NO**Fugitive Air:** 3.000000**Stack Air:** 405.000000**Water:** 0.000000**Chemical:** Toluene**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 408.000000**Off Site Release Total:** 0.000000**Off Site Recycled Total:** 0.000000**Total Releases:** 408.000000**One Time Release:**

0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** N040**Classification:** TRI**Primary SIC:** 4911**Primary NAICS:** 221112**Metal:** NO**Carcinogen:** NO**Fugitive Air:** 9.000000**Stack Air:** 1490.000000**Water:** 33.000000**Chemical:** Barium compounds (except for barium sulfate (CAS No. 7727-43-7))**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 1532.000000**Off Site Release Total:** 45190.000000**Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000**Other Landfills:** 0.000000**Land Treatment:** 0.000000**Surface Impndmnt:** 0.000000**RCRA Surface IM:** 0.000000**Other Surface I:** 0.000000**Other Disposal:** 0.000000**Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000**Other Landfills:** 0.000000**Land Treatment:** 0.000000**Surface Impndmnt:** 0.000000**RCRA Surface IM:** 0.000000**Other Surface I:** 0.000000**Other Disposal:** 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Off Site Recycled Total:	0.000000				
Total Releases:	46722.000000				
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0000071432**Classification:** TRI**Primary SIC:** 4911**Primary NAICS:** 221122**Metal:** NO**Carcinogen:** YES**Fugitive Air:** 1.000000**Stack Air:** 833.000000**Water:** 0.000000**Chemical:** Benzene**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 834.000000**Off Site Release Total:** 0.000000**Off Site Recycled Total:** 0.000000**Total Releases:** 834.000000**One Time Release:**

0.000000

Horizontal Datum:

NAD83

CAS No:

71-43-2

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0001330207**Classification:** TRI**Primary SIC:** 4911**Primary NAICS:** 221122**Metal:** NO**Carcinogen:** NO**Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000**Other Landfills:** 0.000000**Land Treatment:** 0.000000**Surface Impndmnt:** 0.000000**RCRA Surface IM:** 0.000000**Other Surface I:** 0.000000**Other Disposal:** 0.000000**TRI FD:** 57702BHPLB409DE **Underground:** 0.000000**Federal Facility:** NO **Underground CL I:** 0.000000**Cas No Compound ID:** 0001330207 **Underground C II-V:** 0.000000**Classification:** TRI **Landfills:** 0.000000**Primary SIC:** 4911 **RCRA C Landfill:** 0.000000**Primary NAICS:** 221122 **Other Landfills:** 0.000000**Metal:** NO **Land Treatment:** 0.000000**Carcinogen:** NO **Surface Impndmnt:** 0.000000

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DB

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Fugitive Air:	1.000000				RCRA Surface IM:	0.000000
Stack Air:	152.000000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Xylene (mixed isomers)				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		153.000000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		153.000000				
One Time Release:						
	0.000000					
Horizontal Datum:						
NAD83						
CAS No:						
1330-20-7						
PFAS:						
NO						
PBT:						
NO						

2001 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	4860.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	n-Hexane		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	4860.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	4860.000000		
One Time Release:			
	0.000000		

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	1.000000	RCRA Surface IM:	0.000000
Stack Air:	31.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	32.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	32.000000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439976	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.330000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000400	RCRA Surface IM:	0.000000
Stack Air:	14.100000	Other Surface I:	0.000000
Water:	0.020000	Other Disposal:	0.000000
Chemical:	Mercury		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	14.450400		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	14.450400		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N590	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.004000	RCRA Surface IM:	0.000000
Stack Air:	0.120000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Polycyclic aromatic compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.124000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.124000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

N590

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000071432	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	306.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Benzene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	306.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Total Releases:	306.000000				
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One Time Release:					
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0.000000					
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Horizontal Datum:					
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NAD83					
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CAS No:					
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71-43-2					
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PFAS:					
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NO					
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PBT:					
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NO					
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TRI FD:	57702BHPLB409DE				
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Federal Facility:	NO				
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Cas No Compound ID:	0000108883				
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Classification:	TRI				
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Primary SIC:	4911				
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Primary NAICS:	221112				
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Metal:	NO				
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Carcinogen:	NO				
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Fugitive Air:	2.000000				
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Stack Air:	437.000000				
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Water:	0.000000				
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Chemical:	Toluene				
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Industry Sector Code:	2211				
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Industry Sector:	Electric Utilities				
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Parent Co Name:	BLACK HILLS CORP				
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On Site Release Total:	439.000000				
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Off Site Release Total:	0.000000				
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Off Site Recycled Total:	0.000000				
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Total Releases:	439.000000				
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One Time Release:					
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0.000000					
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Horizontal Datum:					
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NAD83					
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CAS No:					
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108-88-3					
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PFAS:					
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NO					
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PBT:					
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NO					
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TRI FD:	57702BHPLB409DE				
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Federal Facility:	NO				
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Cas No Compound ID:	N040				
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Classification:	TRI				
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Primary SIC:	4911				
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Primary NAICS:	221112				
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Metal:	NO				
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Carcinogen:	NO				
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Fugitive Air:	2.000000				
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Underground:	0.000000				
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Underground CL I:	0.000000				
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Underground C II-V:	0.000000				
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Landfills:	0.000000				
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RCRA C Landfill:	0.000000				
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Other Landfills:	42788.000000				
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Land Treatment:	0.000000				
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Surface Impndmnt:	0.000000				
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RCRA Surface IM:	0.000000				
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Stack Air:	431.000000				Other Surface I:	0.000000
Water:	46.000000				Other Disposal:	0.000000
Chemical:			Barium compounds (except for barium sulfate (CAS No. 7727-43-7))			
Industry Sector Code:			2211			
Industry Sector:			Electric Utilities			
Parent Co Name:			BLACK HILLS CORP			
On Site Release Total:			43267.000000			
Off Site Release Total:			0.000000			
Off Site Recycled Total:			0.000000			
Total Releases:			43267.000000			
One Time Release:						

0.000000

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.210000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.210000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.210000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0001330207				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221122				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.000000				RCRA Surface IM: 0.000000
Stack Air:	267.000000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Xylene (mixed isomers)				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	267.000000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	267.000000				
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0007439921				Underground C II-V: 0.000000
Classification:	PBT				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 942.240000
Metal:	YES				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	0.064000				RCRA Surface IM: 0.000000
Stack Air:	16.100000				Other Surface I: 0.000000
Water:	4.610000				Other Disposal: 0.000000
Chemical:	Lead				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	963.014000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	963.014000				
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

7439-92-1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PFAS:

NO

PBT:

YES

2002 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000108883	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	2.770000	RCRA Surface IM:	0.000000
Stack Air:	73.100000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Toluene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	75.870000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	75.870000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	26.900000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	27.820000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Total Releases:	27.820000				
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One Time Release:					
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0.000000					
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Horizontal Datum:					
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NAD83					
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CAS No:					
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1330-20-7					
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PFAS:					
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NO					
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PBT:					
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NO					
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TRI FD:	57702BHPLB409DE				
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Federal Facility:	NO				
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Cas No Compound ID:	0000071432				
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Classification:	TRI				
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Primary SIC:	4911				
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Primary NAICS:	221122				
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Metal:	NO				
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Carcinogen:	YES				
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Fugitive Air:	1.000000				
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Stack Air:	179.130000				
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Water:	0.000000				
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Chemical:	Benzene				
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Industry Sector Code:	2211				
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Industry Sector:	Electric Utilities				
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Parent Co Name:	BLACK HILLS CORP				
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On Site Release Total:	180.130000				
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Off Site Release Total:	0.000000				
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Off Site Recycled Total:	0.000000				
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Total Releases:	180.130000				
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One Time Release:					
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0.000000					
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Horizontal Datum:					
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NAD83					
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CAS No:					
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71-43-2					
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PFAS:					
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NO					
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PBT:					
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NO					
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TRI FD:	57702BHPLB409DE				
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Federal Facility:	NO				
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Cas No Compound ID:	N040				
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Classification:	TRI				
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Primary SIC:	4911				
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Primary NAICS:	221112				
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Metal:	NO				
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Carcinogen:	NO				
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Fugitive Air:	1.343000				
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Underground:	0.000000
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Underground CL I:	0.000000
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Underground C II-V:	0.000000
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Landfills:	0.000000
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RCRA C Landfill:	0.000000
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Other Landfills:	24954.540000
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Land Treatment:	0.000000
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Surface Impndmnt:	0.000000
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RCRA Surface IM:	0.000000
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Stack Air:	414.290000				Other Surface I:	0.000000
Water:	35.000000				Other Disposal:	0.000000
Chemical:			Barium compounds (except for barium sulfate (CAS No. 7727-43-7))			
Industry Sector Code:			2211			
Industry Sector:			Electric Utilities			
Parent Co Name:			BLACK HILLS CORP			
On Site Release Total:			25405.173000			
Off Site Release Total:			18037.460000			
Off Site Recycled Total:			0.000000			
Total Releases:			43442.633000			
One Time Release:						

0.000000

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	1.110000	RCRA Surface IM:	0.000000
Stack Air:	2.320000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	3.430000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	3.430000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000110543				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221122				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.920000				RCRA Surface IM: 0.000000
Stack Air:	567.630000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	n-Hexane				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	568.550000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	568.550000				
One Time Release:					
0.000000					
Horizontal Datum:					
NAD83					
CAS No:					
110-54-3					
PFAS:					
NO					
PBT:					
NO					
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0007439976				Underground C II-V: 0.000000
Classification:	PBT				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.300000
Metal:	YES				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.000400				RCRA Surface IM: 0.000000
Stack Air:	12.910000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Mercury				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	13.210400				
Off Site Release Total:	0.190000				
Off Site Recycled Total:	0.000000				
Total Releases:	13.400400				
One Time Release:					
0.000000					
Horizontal Datum:					
NAD83					
CAS No:					
7439-97-6					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.210000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.210000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.210000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	550.410000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.029700	RCRA Surface IM:	0.000000
Stack Air:	9.430000	Other Surface I:	0.000000
Water:	3.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	562.869700		
Off Site Release Total:	397.590000		
Off Site Recycled Total:	0.000000		
Total Releases:	960.459700		
One Time Release:			

0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

2003 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	931.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.029200	RCRA Surface IM:	0.000000
Stack Air:	10.000000	Other Surface I:	0.000000
Water:	3.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	944.029200		
Off Site Release Total:	180.220000		
Off Site Recycled Total:	27.150000		
Total Releases:	1124.249200		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	356.930000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	n-Hexane		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: BLACK HILLS CORP
On Site Release Total: 357.850000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 357.850000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE
Federal Facility: NO
Cas No Compound ID: N040
Classification: TRI
Primary SIC: 4911
Primary NAICS: 221112
Metal: NO
Carcinogen: NO
Fugitive Air: 1.321000
Stack Air: 407.350000
Water: 30.000000

Chemical: Barium compounds (except for barium sulfate (CAS No. 7727-43-7))

Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: BLACK HILLS CORP
On Site Release Total: 42679.671000
Off Site Release Total: 8172.960000
Off Site Recycled Total: 1230.910000
Total Releases: 50852.631000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE
Federal Facility: NO
Cas No Compound ID: 0007439976
Classification: PBT
Primary SIC: 4911
Primary NAICS: 221112
Metal: YES

Underground: 0.000000
Underground CL I: 0.000000
Underground C II-V: 0.000000
Landfills: 0.000000
RCRA C Landfill: 0.000000
Other Landfills: 42241.000000
Land Treatment: 0.000000
Surface Impndmnt: 0.000000
RCRA Surface IM: 0.000000
Other Surface I: 0.000000
Other Disposal: 0.000000

Underground: 0.000000
Underground CL I: 0.000000
Underground C II-V: 0.000000
Landfills: 0.000000
RCRA C Landfill: 0.000000
Other Landfills: 0.300000
Land Treatment: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.000400				RCRA Surface IM: 0.000000
Stack Air:	12.750000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:		Mercury			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		13.050400			
Off Site Release Total:		0.060000			
Off Site Recycled Total:		0.011000			
Total Releases:		13.110400			
One Time Release:					
Horizontal Datum:					
NAD83					
CAS No:					
7439-97-6					
PFAS:					
NO					
PBT:					
YES					
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000071432				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221122				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	1.000000				RCRA Surface IM: 0.000000
Stack Air:	189.690000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:		Benzene			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		190.690000			
Off Site Release Total:		0.000000			
Off Site Recycled Total:		0.000000			
Total Releases:		190.690000			
One Time Release:					
Horizontal Datum:					
NAD83					
CAS No:					
71-43-2					
PFAS:					
NO					
PBT:					
NO					
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Cas No Compound ID:	N150				Underground C II-V:	0.000000
Classification:	Dioxin				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	0.000000				RCRA Surface IM:	0.000000
Stack Air:	0.210000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Dioxin and dioxin-like compounds				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		0.210000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		0.210000				
One Time Release:						
Horizontal Datum:						
NAD83						
CAS No:						
N150						
PFAS:						
NO						
PBT:						
YES						
TRI FD:	57702BHPLB409DE				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0000091203				Underground C II-V:	0.000000
Classification:	TRI				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221122				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	1.110000				RCRA Surface IM:	0.000000
Stack Air:	5.590000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Naphthalene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		6.700000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		6.700000				
One Time Release:						
Horizontal Datum:						
NAD83						
CAS No:						
91-20-3						
PFAS:						
NO						
PBT:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000108883	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	2.770000	RCRA Surface IM:	0.000000
Stack Air:	62.180000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Toluene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	64.950000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	64.950000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	27.970000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	28.890000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	28.890000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NO

PBT:

NO

2004 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	1.110000	RCRA Surface IM:	0.000000
Stack Air:	3.410000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	4.520000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	4.520000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.200000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.200000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.200000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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One Time Release:

0.000000

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0007439921**Classification:** PBT**Primary SIC:** 4911**Primary NAICS:** 221112**Metal:** YES**Carcinogen:** YES**Fugitive Air:** 0.028700**Stack Air:** 9.000000**Water:** 4.000000**Chemical:** Lead**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 913.028700**Off Site Release Total:** 657.060000**Off Site Recycled Total:** 0.000000**Total Releases:** 1570.088700**One Time Release:**

0.000000

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** N040**Classification:** TRI**Primary SIC:** 4911**Primary NAICS:** 221112**Metal:** NO**Carcinogen:** NO**Fugitive Air:** 1.299000**Stack Air:** 392.950000**Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000**Other Landfills:** 900.000000**Land Treatment:** 0.000000**Surface Impndmnt:** 0.000000**RCRA Surface IM:** 0.000000**Other Surface I:** 0.000000**Other Disposal:** 0.000000**Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000**Other Landfills:** 40835.000000**Land Treatment:** 0.000000**Surface Impndmnt:** 0.000000**RCRA Surface IM:** 0.000000**Other Surface I:** 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Water:	36.000000				Other Disposal: 0.000000
Chemical:					Barium compounds (except for barium sulfate (CAS No. 7727-43-7))
Industry Sector Code:					2211
Industry Sector:					Electric Utilities
Parent Co Name:					BLACK HILLS CORP
On Site Release Total:					41265.249000
Off Site Release Total:					29816.290000
Off Site Recycled Total:					0.000000
Total Releases:					71081.539000
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0007439976**Classification:** PBT**Primary SIC:** 4911**Primary NAICS:** 221112**Metal:** YES**Carcinogen:** NO**Fugitive Air:** 0.000400**Stack Air:** 18.370000**Water:** 0.000000**Chemical:** Mercury**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 18.670400**Off Site Release Total:** 0.210000**Off Site Recycled Total:** 0.000000**Total Releases:** 18.880400**One Time Release:**

0.000000

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE**Underground:** 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000108883				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	2.770000				RCRA Surface IM: 0.000000
Stack Air:	44.230000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Toluene				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	47.000000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	47.000000				
One Time Release:					
0.000000					
Horizontal Datum:					
NAD83					
CAS No:					
108-88-3					
PFAS:					
NO					
PBT:					
NO					
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000071432				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221122				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	1.000000				RCRA Surface IM: 0.000000
Stack Air:	177.840000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Benzene				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	178.840000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	178.840000				
One Time Release:					
0.000000					
Horizontal Datum:					
NAD83					
CAS No:					
71-43-2					
PFAS:					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	134.940000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	n-Hexane		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	135.860000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	135.860000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	15.570000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	16.490000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	16.490000		
One Time Release:			

0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

PBT:

NO

2005 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.210000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.210000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.210000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	934.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.030000	RCRA Surface IM:	0.000000
Stack Air:	9.000000	Other Surface I:	0.000000
Water:	2.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Industry Sector: Electric Utilities
Parent Co Name: BLACK HILLS CORP
On Site Release Total: 945.030000
Off Site Release Total: 1015.790000
Off Site Recycled Total: 0.000000
Total Releases: 1960.820000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N040	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	42327.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	1.320000	RCRA Surface IM:	0.000000
Stack Air:	406.590000	Other Surface I:	0.000000
Water:	15.000000	Other Disposal:	0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	42749.910000		
Off Site Release Total:	46010.520000		
Off Site Recycled Total:	0.000000		
Total Releases:	88760.430000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Fugitive Air:	0.920000				RCRA Surface IM:	0.000000
Stack Air:	10.090000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Xylene (mixed isomers)				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		11.010000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		11.010000				
One Time Release:						
Horizontal Datum:						
NAD83						
CAS No:						
1330-20-7						
PFAS:						
NO						
PBT:						
NO						
TRI FD:	57702BHPLB409DE				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0000110543				Underground C II-V:	0.000000
Classification:	TRI				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221122				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.920000				RCRA Surface IM:	0.000000
Stack Air:	55.740000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		n-Hexane				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		56.660000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		56.660000				
One Time Release:						
Horizontal Datum:						
NAD83						
CAS No:						
110-54-3						
PFAS:						
NO						
PBT:						
NO						
TRI FD:	57702BHPLB409DE				Underground:	0.000000
Federal Facility:	NO				Underground CL I:	0.000000
Cas No Compound ID:	0007439976				Underground C II-V:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Classification:	PBT				Landfills:	0.000000
Primary SIC:	4911				RCRA C Landfill:	0.000000
Primary NAICS:	221112				Other Landfills:	0.300000
Metal:	YES				Land Treatment:	0.000000
Carcinogen:	NO				Surface Impndmnt:	0.000000
Fugitive Air:	0.000400				RCRA Surface IM:	0.000000
Stack Air:	18.340000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000

Chemical:	Mercury
Industry Sector Code:	2211
Industry Sector:	Electric Utilities
Parent Co Name:	BLACK HILLS CORP
On Site Release Total:	18.640400
Off Site Release Total:	0.320000
Off Site Recycled Total:	0.000000
Total Releases:	18.960400
One Time Release:	

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000071432	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	4911	RCRA C Landfill:	0.000000
Primary NAICS:	221122	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	1.000000	RCRA Surface IM:	0.000000
Stack Air:	182.380000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000

Chemical:	Benzene
Industry Sector Code:	2211
Industry Sector:	Electric Utilities
Parent Co Name:	BLACK HILLS CORP
On Site Release Total:	183.380000
Off Site Release Total:	0.000000
Off Site Recycled Total:	0.000000
Total Releases:	183.380000
One Time Release:	

Horizontal Datum:

NAD83

CAS No:

71-43-2

PFAS:

NO

PBT:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000108883				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	2.770000				RCRA Surface IM: 0.000000
Stack Air:	38.780000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Toluene				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	41.550000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	41.550000				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000091203				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:	4911				RCRA C Landfill: 0.000000
Primary NAICS:	221122				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	1.110000				RCRA Surface IM: 0.000000
Stack Air:	3.160000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Naphthalene				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	4.270000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	4.270000				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NO

PBT:

NO

2006 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N040	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	58855.600000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	1.330000	RCRA Surface IM:	0.000000
Stack Air:	405.250000	Other Surface I:	0.000000
Water:	120.000000	Other Disposal:	0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	59382.180000		
Off Site Release Total:	39305.580000		
Off Site Recycled Total:	259.480000		
Total Releases:	98687.760000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N150	Underground C II-V:	0.000000
Classification:	Dioxin	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.210000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Dioxin and dioxin-like compounds		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.210000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.210000		
One Time Release:			

Horizontal Datum:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0000108883

Classification: TRI

Primary SIC:

Primary NAICS: 221112

Metal: NO

Carcinogen: NO

Fugitive Air: 2.770000

Stack Air: 42.000000

Water: 0.000000

Chemical: Toluene

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

On Site Release Total: 44.770000

Off Site Release Total: 0.000000

Off Site Recycled Total: 0.000000

Total Releases: 44.770000

One Time Release:

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0007439921

Classification: PBT

Primary SIC:

Primary NAICS: 221112

Metal: YES

Carcinogen: YES

Fugitive Air: 0.029000

Stack Air: 9.000000

Water: 12.000000

Chemical: Lead

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

On Site Release Total: 1309.059000

Off Site Release Total: 860.120000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 1288.030000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Off Site Recycled Total:	5.680000				
Total Releases:	2169.179000				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0007439976**Classification:** PBT**Primary SIC:****Primary NAICS:** 221112**Metal:** YES**Carcinogen:** NO**Fugitive Air:** 0.000400**Stack Air:** 18.320000**Water:** 0.000000**Chemical:** Mercury**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 18.620400**Off Site Release Total:** 0.230000**Off Site Recycled Total:** 0.000100**Total Releases:** 18.850400**One Time Release:****Horizontal Datum:**

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

2007 Details**TRI FD:** 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0007439976**Classification:** PBT**Primary SIC:****Primary NAICS:** 221112**Metal:** YES**Carcinogen:** NO**Fugitive Air:** 0.000400**Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000**Other Landfills:** 0.090000**Land Treatment:** 0.000000**Surface Impndmnt:** 0.000000**RCRA Surface IM:** 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Stack Air:	18.330000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Mercury				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:	18.420400					
Off Site Release Total:	0.110000					
Off Site Recycled Total:	0.000000					
Total Releases:	18.530400					
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	489.660000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.028200	RCRA Surface IM:	0.000000
Stack Air:	9.000000	Other Surface I:	0.000000
Water:	4.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	502.688200		
Off Site Release Total:	382.340000		
Off Site Recycled Total:	0.000000		
Total Releases:	885.028200		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	1.110000				RCRA Surface IM: 0.000000
Stack Air:	1.270000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:		Naphthalene			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		2.380000			
Off Site Release Total:		0.000000			
Off Site Recycled Total:		0.000000			
Total Releases:		2.380000			
One Time Release:					
 Horizontal Datum:					
NAD83					
 CAS No:					
91-20-3					
 PFAS:					
NO					
 PBT:					
NO					
 TRI FD:					
Federal Facility:		57702BHPLB409DE			Underground: 0.000000
Cas No Compound ID:	0000108883				Underground CL I: 0.000000
Classification:	TRI				Underground C II-V: 0.000000
Primary SIC:					Landfills: 0.000000
Primary NAICS:	221112				RCRA C Landfill: 0.000000
Metal:	NO				Other Landfills: 0.000000
Carcinogen:	NO				Land Treatment: 0.000000
Fugitive Air:	2.770000				Surface Impndmnt: 0.000000
Stack Air:	45.970000				RCRA Surface IM: 0.000000
Water:	0.000000				Other Surface I: 0.000000
Chemical:		Toluene			Other Disposal: 0.000000
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		48.740000			
Off Site Release Total:		0.000000			
Off Site Recycled Total:		0.000000			
Total Releases:		48.740000			
One Time Release:					
 Horizontal Datum:					
NAD83					
 CAS No:					
108-88-3					
 PFAS:					
NO					
 PBT:					
NO					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	N150				Underground C II-V: 0.000000
Classification:	Dioxin				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	0.000000				RCRA Surface IM: 0.000000
Stack Air:	0.200000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Dioxin and dioxin-like compounds				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	0.200000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	0.200000				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	N040				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 22241.770000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	1.278000				RCRA Surface IM: 0.000000
Stack Air:	380.910000				Other Surface I: 0.000000
Water:	41.000000				Other Disposal: 0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	22664.958000				
Off Site Release Total:	17359.230000				
Off Site Recycled Total:	0.000000				
Total Releases:	40024.188000				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PBT:

NO

2008 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	9.490000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	10.410000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	10.410000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.026400	RCRA Surface IM:	0.000000
Stack Air:	8.000000	Other Surface I:	0.000000
Water:	3.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	11.026400		
Off Site Release Total:	5409.250000		
Off Site Recycled Total:	2095.720000		
Total Releases:	5420.276400		
One Time Release:			

5006.920000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N040	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	1.192000	RCRA Surface IM:	0.000000
Stack Air:	333.660000	Other Surface I:	0.000000
Water:	26.000000	Other Disposal:	0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	360.852000		
Off Site Release Total:	245346.380000		
Off Site Recycled Total:	95054.960000		
Total Releases:	245707.232000		
One Time Release:			

227097.820000

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439976	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000400	RCRA Surface IM:	0.000000
Stack Air:	18.320000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Mercury		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Parent Co Name: BLACK HILLS CORP
On Site Release Total: 18.320400
Off Site Release Total: 1.480000
Off Site Recycled Total: 0.570000
Total Releases: 19.800400
One Time Release:

1.370000

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** N150**Classification:** Dioxin**Primary SIC:****Primary NAICS:** 221112**Metal:** NO**Carcinogen:** YES**Fugitive Air:** 0.000000**Stack Air:** 0.063760**Water:** 0.000000**Chemical:** Dioxin and dioxin-like compounds**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 0.063760**Off Site Release Total:** 0.000000**Off Site Recycled Total:** 0.000000**Total Releases:** 0.063760**One Time Release:**

0.000000

Horizontal Datum:

NAD83

CAS No:

N150

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE**Federal Facility:** NO**Cas No Compound ID:** 0000091203**Classification:** TRI**Primary SIC:****Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000**Other Landfills:** 0.000000**Land Treatment:** 0.000000**Surface Impndmnt:** 0.000000**RCRA Surface IM:** 0.000000**Other Surface I:** 0.000000**Other Disposal:** 0.000000**Underground:** 0.000000**Underground CL I:** 0.000000**Underground C II-V:** 0.000000**Landfills:** 0.000000**RCRA C Landfill:** 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Primary NAICS:	221112				Other Landfills:	0.000000
Metal:	NO				Land Treatment:	0.000000
Carcinogen:	YES				Surface Impndmnt:	0.000000
Fugitive Air:	1.110000				RCRA Surface IM:	0.000000
Stack Air:	3.250000				Other Surface I:	0.000000
Water:	0.000000				Other Disposal:	0.000000
Chemical:		Naphthalene				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		4.360000				
Off Site Release Total:		0.000000				
Off Site Recycled Total:		0.000000				
Total Releases:		4.360000				
One Time Release:						

0.000000

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	116.990000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	n-Hexane		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	117.910000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	117.910000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000108883				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	2.770000				RCRA Surface IM: 0.000000
Stack Air:	34.380000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Toluene				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	37.150000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	37.150000				
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000071432				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	YES				Surface Impndmnt: 0.000000
Fugitive Air:	1.000000				RCRA Surface IM: 0.000000
Stack Air:	143.710000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Benzene				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	144.710000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	144.710000				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

71-43-2

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PFAS:

NO

PBT:

NO

2009 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	137.010000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	n-Hexane		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	137.930000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	137.930000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	15.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	15.920000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Total Releases: 15.920000

One Time Release:

0.000000

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: N040

Classification: TRI

Primary SIC:

Primary NAICS: 221112

Metal: NO

Carcinogen: NO

Fugitive Air: 1.381000

Stack Air: 432.780000

Water: 29.000000

Chemical: Barium compounds (except for barium sulfate (CAS No. 7727-43-7))

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

On Site Release Total: 463.161000

Off Site Release Total: 21603.810000

Off Site Recycled Total: 30696.910000

Total Releases: 22066.971000

One Time Release:

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0007439976

Classification: PBT

Primary SIC:

Primary NAICS: 221112

Metal: YES

Carcinogen: NO

Fugitive Air: 0.000400

Stack Air: 18.340000

Water: 0.000000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Chemical: Mercury
Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: BLACK HILLS CORP
On Site Release Total: 18.340400
Off Site Release Total: 0.130000
Off Site Recycled Total: 0.190000
Total Releases: 18.470400
One Time Release:

0.000000

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD: 57702BHPLB409DE
Federal Facility: NO
Cas No Compound ID: 0000091203
Classification: TRI
Primary SIC:
Primary NAICS: 221112
Metal: NO
Carcinogen: YES
Fugitive Air: 1.110000
Stack Air: 2.670000
Water: 0.000000

Chemical: Naphthalene
Industry Sector Code: 2211
Industry Sector: Electric Utilities
Parent Co Name: BLACK HILLS CORP
On Site Release Total: 3.780000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 3.780000
One Time Release:

0.000000

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE
Federal Facility: NO

Underground: 0.000000
Underground CL I: 0.000000
Underground C II-V: 0.000000
Landfills: 0.000000
RCRA C Landfill: 0.000000
Other Landfills: 0.000000
Land Treatment: 0.000000
Surface Impndmnt: 0.000000
RCRA Surface IM: 0.000000
Other Surface I: 0.000000
Other Disposal: 0.000000

Underground: 0.000000
Underground CL I: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Cas No Compound ID:	0000071432				Underground C II-V:
Classification:	TRI				Landfills:
Primary SIC:					RCRA C Landfill:
Primary NAICS:	221112				Other Landfills:
Metal:	NO				Land Treatment:
Carcinogen:	YES				Surface Impndmnt:
Fugitive Air:	1.000000				RCRA Surface IM:
Stack Air:	181.780000				Other Surface I:
Water:	0.000000				Other Disposal:
Chemical:		Benzene			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		182.780000			
Off Site Release Total:		0.000000			
Off Site Recycled Total:		0.000000			
Total Releases:		182.780000			
One Time Release:					

0.000000

Horizontal Datum:

NAD83

CAS No:

71-43-2

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000108883	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	2.770000	RCRA Surface IM:	0.000000
Stack Air:	43.480000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:			
	Toluene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	46.250000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	46.250000		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.030500	RCRA Surface IM:	0.000000
Stack Air:	10.000000	Other Surface I:	0.000000
Water:	3.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	13.030500		
Off Site Release Total:	476.480000		
Off Site Recycled Total:	677.030000		
Total Releases:	489.510500		
One Time Release:			

0.000000

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

2010 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.027800	RCRA Surface IM:	0.000000
Stack Air:	8.000000	Other Surface I:	0.000000
Water:	1.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	9.027800		
Off Site Release Total:	628.450000		
Off Site Recycled Total:	647.130000		
Total Releases:	637.477800		
One Time Release:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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0.000000

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N040	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	1.259000	RCRA Surface IM:	0.000000
Stack Air:	368.870000	Other Surface I:	0.000000
Water:	10.000000	Other Disposal:	0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	380.129000		
Off Site Release Total:	28456.270000		
Off Site Recycled Total:	29301.900000		
Total Releases:	28836.399000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000108883	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	2.770000	RCRA Surface IM:	0.000000
Stack Air:	36.510000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Toluene		
Industry Sector Code:	2211		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Industry Sector: Electric Utilities
Parent Co Name: BLACK HILLS CORP
On Site Release Total: 39.280000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 39.280000
One Time Release:

0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE
Federal Facility: NO
Cas No Compound ID: 0007439976
Classification: PBT
Primary SIC:
Primary NAICS: 221112
Metal: YES
Carcinogen: NO
Fugitive Air: 0.000400
Stack Air: 18.310000
Water: 0.000000

Chemical: Mercury**Industry Sector Code:** 2211**Industry Sector:** Electric Utilities**Parent Co Name:** BLACK HILLS CORP**On Site Release Total:** 18.310400**Off Site Release Total:** 0.170000**Off Site Recycled Total:** 0.170000**Total Releases:** 18.480400**One Time Release:**

0.000000

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

2011 Details**TRI FD:** 57702BHPLB409DE**Underground:** 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	N040				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	1.251000				RCRA Surface IM: 0.000000
Stack Air:	366.250000				Other Surface I: 0.000000
Water:	47.000000				Other Disposal: 0.000000
Chemical:		Barium compounds (except for barium sulfate (CAS No. 7727-43-7))			
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	414.501000				
Off Site Release Total:	25574.350000				
Off Site Recycled Total:	19033.840000				
Total Releases:	25988.851000				
One Time Release:					
Horizontal Datum:					
NAD83					
CAS No:					
N040					
PFAS:					
NO					
PBT:					
NO					
TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0007439976				Underground C II-V: 0.000000
Classification:	PBT				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	YES				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.000400				RCRA Surface IM: 0.000000
Stack Air:	16.880000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:		Mercury			
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	16.880400				
Off Site Release Total:	0.160000				
Off Site Recycled Total:	0.120000				
Total Releases:	17.040400				
One Time Release:					
0.000000					
Horizontal Datum:					
NAD83					
CAS No:					
7439-97-6					
PFAS:					
NO					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	117.420000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	n-Hexane		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	118.340000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	118.340000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

110-54-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	1.110000	RCRA Surface IM:	0.000000
Stack Air:	12.170000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	13.280000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	13.280000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	13.160000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	14.080000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	14.080000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439921	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	0.027700	RCRA Surface IM:	0.000000
Stack Air:	8.000000	Other Surface I:	0.000000
Water:	5.000000	Other Disposal:	0.000000
Chemical:	Lead		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	13.027700		
Off Site Release Total:	562.880000		
Off Site Recycled Total:	418.930000		
Total Releases:	575.907700		
One Time Release:			

Horizontal Datum:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000108883	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	2.770000	RCRA Surface IM:	0.000000
Stack Air:	36.840000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Toluene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	39.610000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	39.610000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

2012 Details

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	1.110000	RCRA Surface IM:	0.000000
Stack Air:	9.020000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Parent Co Name:	BLACK HILLS CORP
On Site Release Total:	10.130000
Off Site Release Total:	0.000000
Off Site Recycled Total:	0.000000
Total Releases:	10.130000
One Time Release:	

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE
Federal Facility:	NO
Cas No Compound ID:	0000108883
Classification:	TRI
Primary SIC:	
Primary NAICS:	221112
Metal:	NO
Carcinogen:	NO
Fugitive Air:	2.770000
Stack Air:	32.900000
Water:	0.000000
Chemical:	Toluene
Industry Sector Code:	2211
Industry Sector:	Electric Utilities
Parent Co Name:	BLACK HILLS CORP
On Site Release Total:	35.670000
Off Site Release Total:	0.000000
Off Site Recycled Total:	0.000000
Total Releases:	35.670000
One Time Release:	

Underground:	0.000000
Underground CL I:	0.000000
Underground C II-V:	0.000000
Landfills:	0.000000
RCRA C Landfill:	0.000000
Other Landfills:	0.000000
Land Treatment:	0.000000
Surface Impndmnt:	0.000000
RCRA Surface IM:	0.000000
Other Surface I:	0.000000
Other Disposal:	0.000000

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE
Federal Facility:	NO
Cas No Compound ID:	0007439921
Classification:	PBT
Primary SIC:	
Primary NAICS:	221112
Metal:	YES
Carcinogen:	YES
Fugitive Air:	0.023100

Underground:	0.000000
Underground CL I:	0.000000
Underground C II-V:	0.000000
Landfills:	0.000000
RCRA C Landfill:	0.000000
Other Landfills:	0.000000
Land Treatment:	0.000000
Surface Impndmnt:	0.000000
RCRA Surface IM:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Stack Air:	6.000000				Other Surface I:	0.000000
Water:	5.000000				Other Disposal:	0.000000
Chemical:		Lead				
Industry Sector Code:		2211				
Industry Sector:		Electric Utilities				
Parent Co Name:		BLACK HILLS CORP				
On Site Release Total:		11.023100				
Off Site Release Total:		389.920000				
Off Site Recycled Total:		676.000000				
Total Releases:		400.943100				
One Time Release:						

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	11.700000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	12.620000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	12.620000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000110543	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.920000				RCRA Surface IM: 0.000000
Stack Air:	203.300000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:		n-Hexane			
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		204.220000			
Off Site Release Total:		0.000000			
Off Site Recycled Total:		0.000000			
Total Releases:		204.220000			
One Time Release:					
 Horizontal Datum:					
NAD83					
 CAS No:					
110-54-3					
 PFAS:					
NO					
 PBT:					
NO					
 TRI FD:					
Federal Facility:		57702BHPLB409DE			Underground: 0.000000
Cas No Compound ID:	N040				Underground CL I: 0.000000
Classification:	TRI				Underground C II-V: 0.000000
Primary SIC:					Landfills: 0.000000
Primary NAICS:	221112				RCRA C Landfill: 0.000000
Metal:	NO				Other Landfills: 0.000000
Carcinogen:	NO				Land Treatment: 0.000000
Fugitive Air:	1.043000				Surface Impndmnt: 0.000000
Stack Air:	244.910000				RCRA Surface IM: 0.000000
Water:	47.000000				Other Surface I: 0.000000
Chemical:		Barium compounds (except for barium sulfate (CAS No. 7727-43-7))			Other Disposal: 0.000000
Industry Sector Code:		2211			
Industry Sector:		Electric Utilities			
Parent Co Name:		BLACK HILLS CORP			
On Site Release Total:		292.953000			
Off Site Release Total:		17754.380000			
Off Site Recycled Total:		30779.980000			
Total Releases:		18047.333000			
One Time Release:					
 Horizontal Datum:					
NAD83					
 CAS No:					
N040					
 PFAS:					
NO					
 PBT:					
NO					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0007439976				Underground C II-V: 0.000000
Classification:	PBT				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	YES				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.000300				RCRA Surface IM: 0.000000
Stack Air:	11.840000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	Mercury				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	11.840300				
Off Site Release Total:	0.080000				
Off Site Recycled Total:	0.140000				
Total Releases:	11.920300				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

2013 Details

TRI FD:	57702BHPLB409DE				Underground: 0.000000
Federal Facility:	NO				Underground CL I: 0.000000
Cas No Compound ID:	0000110543				Underground C II-V: 0.000000
Classification:	TRI				Landfills: 0.000000
Primary SIC:					RCRA C Landfill: 0.000000
Primary NAICS:	221112				Other Landfills: 0.000000
Metal:	NO				Land Treatment: 0.000000
Carcinogen:	NO				Surface Impndmnt: 0.000000
Fugitive Air:	0.920000				RCRA Surface IM: 0.000000
Stack Air:	182.570000				Other Surface I: 0.000000
Water:	0.000000				Other Disposal: 0.000000
Chemical:	n-Hexane				
Industry Sector Code:	2211				
Industry Sector:	Electric Utilities				
Parent Co Name:	BLACK HILLS CORP				
On Site Release Total:	183.490000				
Off Site Release Total:	0.000000				
Off Site Recycled Total:	0.000000				
Total Releases:	183.490000				
One Time Release:					

Horizontal Datum:

NAD83

CAS No:

110-54-3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	N040	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Barium compounds (except for barium sulfate (CAS No. 7727-43-7))		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.000000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

N040

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0007439976	Underground C II-V:	0.000000
Classification:	PBT	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	YES	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Mercury		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	0.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	0.000000		
One Time Release:			

Horizontal Datum:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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NAD83

CAS No:

7439-97-6

PFAS:

NO

PBT:

YES

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000091203	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	YES	Surface Impndmnt:	0.000000
Fugitive Air:	1.110000	RCRA Surface IM:	0.000000
Stack Air:	0.890000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Naphthalene		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	2.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	2.000000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

91-20-3

PFAS:

NO

PBT:

NO

TRI FD:	57702BHPLB409DE	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0001330207	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:		RCRA C Landfill:	0.000000
Primary NAICS:	221112	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	0.920000	RCRA Surface IM:	0.000000
Stack Air:	9.280000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Xylene (mixed isomers)		
Industry Sector Code:	2211		
Industry Sector:	Electric Utilities		
Parent Co Name:	BLACK HILLS CORP		
On Site Release Total:	10.200000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Total Releases: 10.200000

One Time Release:

Horizontal Datum:

NAD83

CAS No:

1330-20-7

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0000108883

Classification: TRI

Primary SIC:

Primary NAICS: 221112

Metal: NO

Carcinogen: NO

Fugitive Air: 2.770000

Stack Air: 14.200000

Water: 0.000000

Chemical: Toluene

Industry Sector Code: 2211

Industry Sector: Electric Utilities

Parent Co Name: BLACK HILLS CORP

On Site Release Total: 16.970000

Off Site Release Total: 0.000000

Off Site Recycled Total: 0.000000

Total Releases: 16.970000

One Time Release:

Horizontal Datum:

NAD83

CAS No:

108-88-3

PFAS:

NO

PBT:

NO

TRI FD: 57702BHPLB409DE

Federal Facility: NO

Cas No Compound ID: 0007439921

Classification: PBT

Primary SIC:

Primary NAICS: 221112

Metal: YES

Carcinogen: YES

Fugitive Air: 0.000000

Stack Air: 0.000000

Water: 0.000000

Chemical: Lead

Industry Sector Code: 2211

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Underground: 0.000000

Underground CL I: 0.000000

Underground C II-V: 0.000000

Landfills: 0.000000

RCRA C Landfill: 0.000000

Other Landfills: 0.000000

Land Treatment: 0.000000

Surface Impndmnt: 0.000000

RCRA Surface IM: 0.000000

Other Surface I: 0.000000

Other Disposal: 0.000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Industry Sector: Electric Utilities
Parent Co Name: BLACK HILLS CORP
On Site Release Total: 0.000000
Off Site Release Total: 0.000000
Off Site Recycled Total: 0.000000
Total Releases: 0.000000
One Time Release:

Horizontal Datum:

NAD83

CAS No:

7439-92-1

PFAS:

NO

PBT:

YES

[1](#)

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W

0.00 /
0.003,305.04 /
-25

**BLACK HILLS POWER - BEN
 FRENCH PLANT
 409 DEADWOOD AVENUE
 RAPID CITY SD 57702**

[FINDS/FRS](#)

Registry ID: 110070754504
FIPS Code: 46103
HUC Code: 10120110
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 07-MAY-20
Update Date:
Interest Types: HAZARDOUS WASTE BIENNIAL REPORTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 00
Census Block Code: 461030114003063
EPA Region Code: 08
County Name: PENNINGTON
US/Mexico Border Ind:
Latitude: 44.08847
Longitude: -103.261226
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070754504
Data Source: Facility Registry Service - Single File
Program Acronyms:

[1](#)

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W

0.00 /
0.003,305.04 /
-25

**HORIZON POINT RCSC SE #1
 409 Deadwood Ave**

[ALT FUELS](#)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Rapid City SD 57702

ID:	201244	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	888-758-4389	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2021-11-17	LNG Site Renew Src:	
Hydrogen is Retail:		LNG Vehicle Class:	
Federal Agency:		LPG Nozzle Types:	
Facility Type:		Hydrogen Pressures:	
Dt Last Confirmed:	2024-08-29	Hydrogen Standards:	
Updated at:	2024-08-29 01:46:04 UTC	Latitude:	44.088266
Access Code:	public	Longitude:	-103.261251
Access Detail Code:			
Groups with Access Code:	Public		
Groups with Access Code Fr:	Public		
Fed Agency Name:			
Hydrogen Status Link:			
E85 Other Ethanol Blends:			
NPS Unit Name:			
Cards Accepted:			
CNG Statn Sells Renewable Na:			
LNG Statn Sells Renewable Na:			
Maximum Vehicle Class:			
RD Blended With Biodiesel:			
RD Blends:			
RD Blends French:			
RD Maximum Biodiesel Level:			
Status:	Open: The station is open.		
Owner Type Desc:			
E85 Blender Pump Desc:			
NG Fill Type Desc:			
NG Vehicle Class Desc:			
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Group with Access Desc:	Publicly available to all customers.		
LPG Primary Desc:			
Intersection Directions:			
Access Days Time:	24 hours daily		
Restricted Access:			
Ev Workplace Charging:	false		
Funding Sources:			

1	33 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILLS POWER (BEN FRENCH) 409 DEADWOOD AVENUE RAPID CITY SD 57709	AFS
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Afs ID:	4610300001	Fed Reportable:	Yes
Plant ID:	27331	Current Hpv:	
Epa Region:	08	Loc Contrl Region:	
Plant County:	Pennington	Afs Gov Fac Code:	0
State No:	46	Operating Status:	O
Primary Sic Code:	4911	Epa Class Code:	A
Secondary Sic Code:		Epa Complian Stat:	3
Naics Code:		State Comp Status:	3
Afs Gov Facility Des:	PRIVATELY OWNED/OPERATED		
Operating Status Def:	Operating		
Epa Classification Des:	Actual or potential emissions are above the applicable major source thresholds.		
Epa Compliance Status:	In Compliance - Inspection		
State Compliance Status:	In Compliance - Inspection		

Actions

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Plant ID:	27331			National Actn Type:	PS
Anu1:	101			All Air Prog Codes:	V
Date Achieved:	20120208			Result Code:	MC
Penalty Amount:	0			Pollutant Code:	
Record Updated Dt:	20120210			Violating Poll Cds:	
Creation Date:	20120210			Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE PCE/ON-SITE			
All Air Program Def:		V-Title V Permits			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331			National Actn Type:	5C
Anu1:	28			All Air Prog Codes:	0
Date Achieved:	19910906			Result Code:	MC
Penalty Amount:	0			Pollutant Code:	
Record Updated Dt:	19970930			Violating Poll Cds:	
Creation Date:				Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331			National Actn Type:	5C
Anu1:	48			All Air Prog Codes:	0, V
Date Achieved:	19990707			Result Code:	MC
Penalty Amount:	0			Pollutant Code:	FACIL
Record Updated Dt:	19991116			Violating Poll Cds:	
Creation Date:				Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source; V-Title V Permits			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331			National Actn Type:	5C
Anu1:	5			All Air Prog Codes:	0
Date Achieved:	19830419			Result Code:	MC
Penalty Amount:	0			Pollutant Code:	
Record Updated Dt:	19891222			Violating Poll Cds:	
Creation Date:				Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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All Violation Type Def:**Actions**

Plant ID:	27331	National Actn Type:	5C
Anu1:	53	All Air Prog Codes:	0, V
Date Achieved:	20010327	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20011024	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	111	All Air Prog Codes:	V
Date Achieved:	20140821	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20140902	Violating Poll Cds:	
Creation Date:	20140902	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	64	All Air Prog Codes:	0, V
Date Achieved:	20030430	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040623	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	34	All Air Prog Codes:	0
Date Achieved:	19930525	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19930915	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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All Air Program Def: 0-SIP Source
 Result Def: IN COMPLIANCE
 Pollutant Def:
 All Violating Poll Def:
 All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	18	All Air Prog Codes:	0
Date Achieved:	19870909	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19891222	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	103	All Air Prog Codes:	V
Date Achieved:	20120430	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120430	Violating Poll Cds:	
Creation Date:	20120430	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	96	All Air Prog Codes:	0, V
Date Achieved:	20110815	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20110930	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	1A
Anu1:	51	All Air Prog Codes:	0, V
Date Achieved:	20000913	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20001004	Violating Poll Cds:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Creation Date:					Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:			EPA INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:			0-SIP Source; V-Title V Permits		
Result Def:					
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	92	All Air Prog Codes:	0, V
Date Achieved:	20100902	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20100902	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	1A
Anu1:	19	All Air Prog Codes:	0
Date Achieved:	19870909	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19891222	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		EPA INSPECTION - LEVEL 2 OR GREATER	
All Air Program Def:		0-SIP Source	
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	110	All Air Prog Codes:	V
Date Achieved:	20140301	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20140305	Violating Poll Cds:	
Creation Date:	20140305	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE	
All Air Program Def:		V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	ER
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Anu1:	70				All Air Prog Codes: V
Date Achieved:	20040930				Result Code: MC
Penalty Amount:	0				Pollutant Code:
Record Updated Dt:	20041109				Violating Poll Cds:
Creation Date:					Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:			TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA		
All Air Program Def:			V-Title V Permits		
Result Def:			IN COMPLIANCE		
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	68	All Air Prog Codes:	0, V
Date Achieved:	20040824	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20041029	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		STATE CONDUCTED FCE/ON-SITE	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	84	All Air Prog Codes:	0, V
Date Achieved:	20080229	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20081114	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	63	All Air Prog Codes:	0, V
Date Achieved:	20030221	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040622	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	22	All Air Prog Codes:	0
Date Achieved:	19890421	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19891222	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	105	All Air Prog Codes:	0, V
Date Achieved:	20130404	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20130830	Violating Poll Cds:	
Creation Date:	20130424	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	2C
Anu1:	9	All Air Prog Codes:	0
Date Achieved:	19850517	Result Code:	01
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19891222	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	EPA PSD PERMIT ISSUED		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	74	All Air Prog Codes:	0, V
Date Achieved:	20050823	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20051123	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	65	All Air Prog Codes:	0, V
Date Achieved:	20040227	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040624	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	46	All Air Prog Codes:	0
Date Achieved:	19980902	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19981028	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	39	All Air Prog Codes:	0
Date Achieved:	19940913	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19990716	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	55	All Air Prog Codes:	0, V
Date Achieved:	20020130	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20020522	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	85	All Air Prog Codes:	0, V
Date Achieved:	20080730	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20081114	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	ER
Anu1:	62	All Air Prog Codes:	V
Date Achieved:	20030930	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040107	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	40	All Air Prog Codes:	0
Date Achieved:	19950417	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19970930	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	95	All Air Prog Codes:	0, V
Date Achieved:	20110228	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Record Updated Dt:	20120113				Violating Poll Cds:
Creation Date:	20110930				Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:			TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:			0-SIP Source; V-Title V Permits		
Result Def:			IN COMPLIANCE		
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	104	All Air Prog Codes:	0, V
Date Achieved:	20120607	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120706	Violating Poll Cds:	
Creation Date:	20120706	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		STATE CONDUCTED FCE/ON-SITE	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	72	All Air Prog Codes:	0, V
Date Achieved:	20050223	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20050929	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	76	All Air Prog Codes:	0, V
Date Achieved:	20060221	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20061107	Violating Poll Cds:	
Creation Date:	20061107	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Plant ID:	27331			National Actn Type:	5C
Anu1:	32			All Air Prog Codes:	0
Date Achieved:	19920826			Result Code:	MC
Penalty Amount:	0			Pollutant Code:	
Record Updated Dt:	19930915			Violating Poll Cds:	
Creation Date:				Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331			National Actn Type:	CC
Anu1:	61			All Air Prog Codes:	V
Date Achieved:	20030221			Result Code:	
Penalty Amount:	0			Pollutant Code:	
Record Updated Dt:	20040107			Violating Poll Cds:	
Creation Date:				Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA			
All Air Program Def:		V-Title V Permits			
Result Def:					
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331			National Actn Type:	5C
Anu1:	45			All Air Prog Codes:	0
Date Achieved:	19970923			Result Code:	MC
Penalty Amount:	0			Pollutant Code:	FACIL
Record Updated Dt:	19971001			Violating Poll Cds:	
Creation Date:				Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331			National Actn Type:	5C
Anu1:	41			All Air Prog Codes:	0
Date Achieved:	19950817			Result Code:	MC
Penalty Amount:	0			Pollutant Code:	
Record Updated Dt:	19970930			Violating Poll Cds:	
Creation Date:				Violation Type Cds:	
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	91	All Air Prog Codes:	0, V
Date Achieved:	20100301	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20100902	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	3A
Anu1:	100	All Air Prog Codes:	V
Date Achieved:	20111228	Result Code:	PP
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120111	Violating Poll Cds:	
Creation Date:	20120111	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	OWNER/OPERATOR-CONDUCTED SOURCE TEST		
All Air Program Def:	V-Title V Permits		
Result Def:	STACK TEST PASSED		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	77	All Air Prog Codes:	0, V
Date Achieved:	20060626	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20061107	Violating Poll Cds:	
Creation Date:	20061107	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	58	All Air Prog Codes:	0, V
Date Achieved:	20020222	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20030115	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Result Def: IN COMPLIANCE
 Pollutant Def:
 All Violating Poll Def:
 All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	69	All Air Prog Codes:	0, V
Date Achieved:	20040212	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20041029	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	88	All Air Prog Codes:	0, V
Date Achieved:	20090227	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20090820	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	38	All Air Prog Codes:	0
Date Achieved:	19940510	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19970930	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	6C
Anu1:	7	All Air Prog Codes:	0
Date Achieved:	19840328	Result Code:	99
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19891222	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Key Action No:
Regional Data Element:
National Action Desc: ST SOURCE TEST CONDUCTED
All Air Program Def: 0-SIP Source
Result Def: PENDING
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	89	All Air Prog Codes:	0, V
Date Achieved:	20090817	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20090820	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	3A
Anu1:	99	All Air Prog Codes:	V
Date Achieved:	20110928	Result Code:	PP
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20111129	Violating Poll Cds:	
Creation Date:	20111129	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	OWNER/OPERATOR-CONDUCTED SOURCE TEST		
All Air Program Def:	V-Title V Permits		
Result Def:	STACK TEST PASSED		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	57	All Air Prog Codes:	0, V
Date Achieved:	20020222	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20030110	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	82	All Air Prog Codes:	0, V

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Date Achieved:	20070730				Result Code: MC
Penalty Amount:	0				Pollutant Code:
Record Updated Dt:	20120113				Violating Poll Cds:
Creation Date:	20071030				Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:			TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:			0-SIP Source; V-Title V Permits		
Result Def:			IN COMPLIANCE		
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	27	All Air Prog Codes:	0
Date Achieved:	19900801	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19970930	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER	
All Air Program Def:		0-SIP Source	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	66	All Air Prog Codes:	0, V
Date Achieved:	20040621	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040628	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	50	All Air Prog Codes:	0, V
Date Achieved:	20000323	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20000531	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	102	All Air Prog Codes:	V
Date Achieved:	20120224	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120430	Violating Poll Cds:	
Creation Date:	20120430	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	1	All Air Prog Codes:	0
Date Achieved:	19810317	Result Code:	01
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19891222	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	36	All Air Prog Codes:	0
Date Achieved:	19930823	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19930927	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	60	All Air Prog Codes:	0, V
Date Achieved:	20030812	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20031006	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	109	All Air Prog Codes:	V
Date Achieved:	20140301	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20140305	Violating Poll Cds:	
Creation Date:	20140305	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	98	All Air Prog Codes:	V
Date Achieved:	20110614	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20111129	Violating Poll Cds:	
Creation Date:	20111129	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	73	All Air Prog Codes:	0, V
Date Achieved:	20050719	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20051024	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	52	All Air Prog Codes:	0, V
Date Achieved:	20000913	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20001025	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	42	All Air Prog Codes:	0
Date Achieved:	19960716	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19970930	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	3A
Anu1:	71	All Air Prog Codes:	0, V
Date Achieved:	20050606	Result Code:	PP
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20051129	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	OWNER/OPERATOR-CONDUCTED SOURCE TEST		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	STACK TEST PASSED		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	90	All Air Prog Codes:	0, V
Date Achieved:	20090918	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20091102	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	54	All Air Prog Codes:	0, V
Date Achieved:	20010807	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Record Updated Dt:	20011024				Violating Poll Cds:
Creation Date:					Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source; V-Title V Permits			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	75	All Air Prog Codes:	0, V
Date Achieved:	20050301	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20051123	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		STATE CONDUCTED FCE/ON-SITE	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	CB
Anu1:	107	All Air Prog Codes:	0, V
Date Achieved:	20130225	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20130903	Violating Poll Cds:	
Creation Date:	20130903	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL	
All Air Program Def:		0-SIP Source; V-Title V Permits	
Result Def:		IN COMPLIANCE	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	3A
Anu1:	106	All Air Prog Codes:	V
Date Achieved:	20130501	Result Code:	PP
Penalty Amount:	0	Pollutant Code:	CO
Record Updated Dt:	20131212	Violating Poll Cds:	
Creation Date:	20130424	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:		OWNER/OPERATOR-CONDUCTED SOURCE TEST	
All Air Program Def:		V-Title V Permits	
Result Def:		STACK TEST PASSED	
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Plant ID:	27331				National Actn Type: 5C
Anu1:	20				All Air Prog Codes: 0
Date Achieved:	19880712				Result Code: MC
Penalty Amount:	0				Pollutant Code: PT
Record Updated Dt:	19891222				Violating Poll Cds:
Creation Date:					Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331				National Actn Type: 5C
Anu1:	21				All Air Prog Codes: 0
Date Achieved:	19880712				Result Code: MC
Penalty Amount:	0				Pollutant Code: PT
Record Updated Dt:	19891222				Violating Poll Cds:
Creation Date:					Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331				National Actn Type: 5C
Anu1:	47				All Air Prog Codes: 0
Date Achieved:	19980923				Result Code: MC
Penalty Amount:	0				Pollutant Code:
Record Updated Dt:	19981028				Violating Poll Cds:
Creation Date:					Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:		IN COMPLIANCE			
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Actions

Plant ID:	27331				National Actn Type: 5C
Anu1:	2				All Air Prog Codes: 0
Date Achieved:	19810722				Result Code: 01
Penalty Amount:	0				Pollutant Code:
Record Updated Dt:	19891222				Violating Poll Cds:
Creation Date:					Violation Type Cds:
Key Action No:					
Regional Data Element:					
National Action Desc:		STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:		0-SIP Source			
Result Def:					
Pollutant Def:					
All Violating Poll Def:					
All Violation Type Def:					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	56	All Air Prog Codes:	0, V
Date Achieved:	20020731	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20021018	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	80	All Air Prog Codes:	0, V
Date Achieved:	20070315	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20071026	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	67	All Air Prog Codes:	0, V
Date Achieved:	20040212	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20040728	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	81	All Air Prog Codes:	0, V
Date Achieved:	20070731	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20071026	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Result Def: IN COMPLIANCE
 Pollutant Def:
 All Violating Poll Def:
 All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	SR
Anu1:	108	All Air Prog Codes:	0, V
Date Achieved:	20130225	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20130903	Violating Poll Cds:	
Creation Date:	20130903	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	86	All Air Prog Codes:	0, V
Date Achieved:	20080527	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20081124	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	78	All Air Prog Codes:	0, V
Date Achieved:	20060222	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20061114	Violating Poll Cds:	
Creation Date:	20061114	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	49	All Air Prog Codes:	0, V
Date Achieved:	19990909	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	19991117	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	30	All Air Prog Codes:	0
Date Achieved:	19920204	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19920306	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	59	All Air Prog Codes:	0, V
Date Achieved:	20030122	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20030528	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	44	All Air Prog Codes:	0
Date Achieved:	19970902	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	19971001	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27331	National Actn Type:	5C
Anu1:	43	All Air Prog Codes:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Date Achieved:	19960918				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	19970930				Violating Poll Cds:	
Creation Date:					Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:			STATE INSPECTION - LEVEL 2 OR GREATER			
All Air Program Def:			0-SIP Source			
Result Def:			IN COMPLIANCE			
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	27331				National Actn Type:	CB
Anu1:	83				All Air Prog Codes:	0, V
Date Achieved:	20070220				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20120113				Violating Poll Cds:	
Creation Date:	20071030				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:			TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL			
All Air Program Def:			0-SIP Source; V-Title V Permits			
Result Def:			IN COMPLIANCE			
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	27331				National Actn Type:	FS
Anu1:	87				All Air Prog Codes:	0, V
Date Achieved:	20080910				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20120113				Violating Poll Cds:	
Creation Date:	20081124				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:			STATE CONDUCTED FCE/ON-SITE			
All Air Program Def:			0-SIP Source; V-Title V Permits			
Result Def:			IN COMPLIANCE			
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Actions

Plant ID:	27331				National Actn Type:	FS
Anu1:	79				All Air Prog Codes:	0, V
Date Achieved:	20060824				Result Code:	MC
Penalty Amount:	0				Pollutant Code:	
Record Updated Dt:	20061114				Violating Poll Cds:	
Creation Date:	20061114				Violation Type Cds:	
Key Action No:						
Regional Data Element:						
National Action Desc:			STATE CONDUCTED FCE/ON-SITE			
All Air Program Def:			0-SIP Source; V-Title V Permits			
Result Def:			IN COMPLIANCE			
Pollutant Def:						
All Violating Poll Def:						
All Violation Type Def:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Actions

Plant ID:	27331	National Actn Type:	FS
Anu1:	93	All Air Prog Codes:	0, V
Date Achieved:	20100622	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20101130	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Historical Compliance - Air Program Level

Air Program Code:	M
Air Program Code Ref:	MACT (Section 63 NESHAPS)
Historical Compliance Date:	1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status:	3
Historical Compliance Stat Ref:	In Compliance - Inspection

Historical Compliance - Air Program Level

Air Program Code:	V
Air Program Code Ref:	Title V Permits
Historical Compliance Date:	0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status:	3
Historical Compliance Stat Ref:	In Compliance - Inspection

Historical Compliance - Air Program Level

Air Program Code:	0
Air Program Code Ref:	SIP Source
Historical Compliance Date:	0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status:	3
Historical Compliance Stat Ref:	In Compliance - Inspection

Air Program

Plant ID:	27331	Poll Classificatn:	A
Air Program Code:	M	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	A
Pollutant Code:	FACIL	Epa Compli Status:	3
Chemical Abstract Service Nmb:			
Air Program Code Subparts:	Q,ZZZZ,6J		
Air Program Code Ref:	MACT (Section 63 NESHAPS)		
Epa Classification Code Ref:	Actual or potential emissions are above the applicable major source thresholds.		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:			
Pollutant Classification Ref:	Actual or potential emissions are above the applicable major source thresholds.		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Air Program

Plant ID:	27331	Poll Classificatn:	A
Air Program Code:	V	Poll Compli Status:	3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Air Program Status:	O			Epa Class Code:	A
Pollutant Code:	SO2			Epa Compli Status:	3
Chemical Abstract Service Nmbr:					
Air Program Code Subparts:					
Air Program Code Ref:		Title V Permits			
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.			
Epa Compliance Status Ref:		In Compliance - Inspection			
Pollutant Code Ref:					
Pollutant Classification Ref:		Actual or potential emissions are above the applicable major source thresholds.			
Pollutant Complian Status Ref:		In Compliance - Inspection			

Air Program

Plant ID:	27331	Poll Classificatn:	A
Air Program Code:	0	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	A
Pollutant Code:	PT	Epa Compli Status:	3
Chemical Abstract Service Nmbr:			
Air Program Code Subparts:			
Air Program Code Ref:		SIP Source	
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.	
Epa Compliance Status Ref:		In Compliance - Inspection	
Pollutant Code Ref:			
Pollutant Classification Ref:		Actual or potential emissions are above the applicable major source thresholds.	
Pollutant Complian Status Ref:		In Compliance - Inspection	

Air Program

Plant ID:	27331	Poll Classificatn:	SM
Air Program Code:	V	Poll Compli Status:	8
Air Program Status:	O	Epa Class Code:	A
Pollutant Code:	VOC	Epa Compli Status:	3
Chemical Abstract Service Nmbr:			
Air Program Code Subparts:			
Air Program Code Ref:		Title V Permits	
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.	
Epa Compliance Status Ref:		In Compliance - Inspection	
Pollutant Code Ref:			
Pollutant Classification Ref:		Potential emissions are below all applicable Major Source enforceable regulations or limitations.	
Pollutant Complian Status Ref:		No Applicable State Regulation	

Air Program

Plant ID:	27331	Poll Classificatn:	A
Air Program Code:	V	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	A
Pollutant Code:	PM10	Epa Compli Status:	3
Chemical Abstract Service Nmbr:			
Air Program Code Subparts:			
Air Program Code Ref:		Title V Permits	
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.	
Epa Compliance Status Ref:		In Compliance - Inspection	
Pollutant Code Ref:		Particulate Matter < 10 Um	
Pollutant Classification Ref:		Actual or potential emissions are above the applicable major source thresholds.	
Pollutant Complian Status Ref:		In Compliance - Inspection	

Air Program

Plant ID:	27331	Poll Classificatn:	A
Air Program Code:	0	Poll Compli Status:	3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Air Program Status:	O			Epa Class Code:	A
Pollutant Code:	SO2			Epa Compli Status:	3
Chemical Abstract Service Nmbr:					
Air Program Code Subparts:					
Air Program Code Ref:		SIP Source			
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.			
Epa Compliance Status Ref:		In Compliance - Inspection			
Pollutant Code Ref:					
Pollutant Classification Ref:		Actual or potential emissions are above the applicable major source thresholds.			
Pollutant Complian Status Ref:		In Compliance - Inspection			

Air Program

Plant ID:	27331	Poll Classificatn:	SM
Air Program Code:	V	Poll Compli Status:	8
Air Program Status:	O	Epa Class Code:	A
Pollutant Code:	NO2	Epa Compli Status:	3
Chemical Abstract Service Nmbr:			
Air Program Code Subparts:			
Air Program Code Ref:		Title V Permits	
Epa Classification Code Ref:		Actual or potential emissions are above the applicable major source thresholds.	
Epa Compliance Status Ref:		In Compliance - Inspection	
Pollutant Code Ref:			
Pollutant Classification Ref:		Potential emissions are below all applicable Major Source enforceable regulations or limitations.	
Pollutant Complian Status Ref:		No Applicable State Regulation	

<u>1</u>	34 of 38	W	0.00 / 0.00	3,305.04 / -25	RAPID CITY SERVICE CENTER SITE DEVELOPMENT 409 DEADWOOD AVE RAPID CITY SD 57702	FINDS/FRS
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Registry ID:	110071279000
FIPS Code:	46103
HUC Code:	10120110
Site Type Name:	STATIONARY
Location Description:	S34 T2N R7E
Supplemental Location:	
Create Date:	03-JUN-22
Update Date:	
Interest Types:	ICIS-NPDES NON-MAJOR
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	ICIS
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	00
Census Block Code:	461030114003075
EPA Region Code:	08
County Name:	PENNINGTON COUNTY
US/Mexico Border Ind:	
Latitude:	44.087822
Longitude:	-103.26409
Reference Point:	
Coord Collection Method:	INTERPOLATION-MAP
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071279000
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
<u>1</u>	35 of 38	W	0.00 / 0.00	3,305.04 / -25	BEN FRENCH TO LANGE BEN FRENCH SUBSTATION (409 DEADWOOD AVE) TO LANGE RAPID CITY SD 57702	FINDS/FRS
Registry ID: 110071323865 FIPS Code: 46103 HUC Code: 10120110 Site Type Name: STATIONARY Location Description: S34/27/22 T2N R7E Supplemental Location: Create Date: 06-SEP-22 Update Date: Interest Types: ICIS-NPDES NON-MAJOR, STORM WATER CONSTRUCTION SIC Codes: SIC Code Descriptions: NAICS Codes: 236210 NAICS Code Descriptions: INDUSTRIAL BUILDING CONSTRUCTION. Conveyor: ICIS Federal Facility Code: Federal Agency Name: Tribal Land Code: Tribal Land Name: Congressional Dist No: 00 Census Block Code: 461030114003075 EPA Region Code: 08 County Name: PENNINGTON COUNTY US/Mexico Border Ind: Latitude: 44.08595 Longitude: -103.262389 Reference Point: ENTRANCE POINT OF A FACILITY OR STATION Coord Collection Method: INTERPOLATION-MAP Accuracy Value: 25 Datum: NAD83 Source: Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071323865 Data Source: Facility Registry Service - Single File Program Acronyms:						

<u>1</u>	36 of 38	W	0.00 / 0.00	3,305.04 / -25	BH Power Ben French 393 Deadwood Ave Rapid City SD 57702	SPILLS
ID: 2023.159 Site ID: 15557 Solid Wste Case No: Abdn Tk Case Prg No: Dep Agri Case No: PRCF No: 8698 Status: NFA Status Name: No Further Action Regulated Tk: True Site Type: Other(See Case File) Source Type: Line Spill Category: Petroleum Cause Type: Line Leak Material: Diesel Amount: 15.00000 Units: gallons Spill Date: Respon Party: Black Hills Power Status Description: The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.						
Dt Reported: 11/1/2023 Dt Closed: 6/25/2024 Consult: Property Type: Industrial Case Reviewer: ZB Tanks Yank: County: Pennington Acreage: Township: Range: Section: Quarter: Latitude: 44.087162 Longitude: -103.262413 Image Exists : True Micro Roll:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
<u>1</u>	37 of 38	W	0.00 / 0.00	3,305.04 / -25	BLACK HILL POWER & LIGHT COMPANY (BEN FRENCH) 393 DEADWOOD AVE RAPID CITY SD 57702	FINDS/FRS
Registry ID: 110071720258 FIPS Code: 46103 HUC Code: 10120110 Site Type Name: STATIONARY Location Description: Supplemental Location: PO BOX 1400 Create Date: 06-JUN-24 Update Date: Interest Types: AIR EMISSIONS CLASSIFICATION UNKNOWN SIC Codes: SIC Code Descriptions: NAICS Codes: 221112 NAICS Code Descriptions: FOSSIL FUEL ELECTRIC POWER GENERATION. Conveyor: EIS Federal Facility Code: Federal Agency Name: Tribal Land Code: Tribal Land Name: Congressional Dist No: 00 Census Block Code: 461030114003075 EPA Region Code: 08 County Name: PENNINGTON US/Mexico Border Ind: Latitude: 44.0874 Longitude: -103.2627 Reference Point: CENTER OF A FACILITY OR STATION Coord Collection Method: INTERPOLATION-MAP Accuracy Value: 100 Datum: NAD83 Source: Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071720258 Data Source: Facility Registry Service - Single File Program Acronyms:						

<u>1</u>	38 of 38	W	0.00 / 0.00	3,305.04 / -25	Ben French 393 Deadwood Avenue Rapid City SD 57702	POWER PLANTS
Plant Code: 3325 Utility ID: 19545 Utility Name: Black Hills Power, Inc. Sector Name: Electric Utility County: Pennington Primary Source: natural gas Source Desc: Natural Gas = 68 MW, Petroleum = 10 MW Tech Desc: Natural Gas Fired Combustion Turbine; Petroleum Liquids; Install MW: 110 Total MW: 78 Battery MW: Biomass MW: Coal MW: Geothermal MW: Hydroelectric MW: Hydro Pumped Storage MW: Natural Gas MW: 68 Nuclear MW: Crude MW: 10 Solar MW:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Wind MW:
Other MW:
Source: EIA-860, EIA-860M and EIA-923
Period: 202311
Longitude: -103.260959
Latitude: 44.087235
X: -11494957.3747
Y: 5478951.9398

2	1 of 2	ESE	0.08 / 425.50	3,318.14 / -12	CIRCLE K 123 DEADWOOD AVENUE Rapid City SD 57702	DTNK
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Delisted Underground Storage Tanks

Facility No:	02-00390	Facility Address 1:
Facility UID:		Facility Address 2:
Facility Active:		County:
Facility AST/UST:		Latitude:
OAL Name:		Longitude:
Owner UID:		GIS UID:
Method:		GIS Method:
Reference:		GIS X Y:
Source:	Underground/Aboveground Storage Tank Data	
GIS Lat Long:		
Original Source:	UST	
Record Date:	01-MAR-2022	

2	2 of 2	ESE	0.08 / 425.50	3,318.14 / -12	CIRCLE K STORE #512 2460 WEST CHICAGO STREET Rapid City SD 57702	UST
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Facility ID: 02-00390

DENR Underground Storage Tanks Database

Facility Name: CIRCLE K STORE #512
Address: 2460 WEST CHICAGO STREET
City: Rapid City
Zip Code: 57702
Active: FALSE
System Type: UST
Owner Name: Holiday Stationstores LLC

DENR Underground Storage Tanks Database Tank Info

Tank No:	2	Tank LD:	Interstitial Monitoring
Compartment No:	2	Pipe Material:	DW APT
Tank Status:	Current	Pipe Type:	Pressure
Product:	Gas/Gas	Pipe LD:	Sump Sensor
Volume:	20000	Spill Prevention:	Spill Bucket
Year Installed:	2021	Overfill Protectn:	N/A
Tank Construction:	DW/Fbrgls/Compant	Tnk Equip Citation:	
Tank No:	3	Tank LD:	Interstitial Monitoring
Compartment No:	1	Pipe Material:	DW APT
Tank Status:	Current	Pipe Type:	Pressure
Product:	Diesel	Pipe LD:	Sump Sensor
Volume:	20000	Spill Prevention:	Spill Bucket
Year Installed:	2021	Overfill Protectn:	N/A
Tank Construction:	DW/Fiberglass	Tnk Equip Citation:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Tank No:	1				Tank LD:	Interstitial Monitoring
Compartment No:	1				Pipe Material:	DW APT
Tank Status:	Current				Pipe Type:	Pressure
Product:	Gasoline				Pipe LD:	Sump Sensor
Volume:	20000				Spill Prevention:	Spill Bucket
Year Installed:	2021				Overfill Protectn:	N/A
Tank Construction:	DW/Fiberglass				Tnk Equip Citation:	

3	1 of 1	WNW	0.14 / 753.87	3,311.05 / -19	BHP&L, Ben French Within city limits of Rapid City SD	SWF/LF
ID:	22			CD:	No	
DENRID No:	NR011674			Carcass:	No	
SW ID:	SW133			Furniture:	No	
Status:	Closed			White Good:	No	
Permit:	11-29			Tires:	No	
Issued:	11/15/2011			PCS:	No	
Expires:	11/15/2016			Single App:	No	
Type:	IIB			Assigned:	KM	
Category:	ASHM, RR			FA:	No	
Category Desc:	Ash Monofill (coal combustion), Resource Recovery facility			Renewal Notice:		
Close Year:	2014			PCSWCAP:	No	
Pmt Tons:	24,999			Public View:	No	
Actual Ton:	2,096 (2012)			POC First:	Michael	
Acres:	4.62			POC Last:	Pogany	
GI:	I			POC Title:	Sr. Enviro. Engineer	
Years:	5			Xnd POC:	Tim Rogers	
Closure:	6/2/2014			AP Date:		
Inspection:	5/29/2014			RMD Sent:	No	
Annual Rpt:				Owner Address:	P. O. Box 1400	
Start Up:	10/18/1991			Owner City:	Rapid City	
Tip Fee:				County:	Pennington	
Next Insp:				Owner State:	SD	
PCS Excap:	No			Owner ZIP:	57709	
PCS Cap:	No			Phone:	(605) 721-2737	
Accuracy:	No			Phone2:	(605) 721-2286	
Geocode:				Email:		
Reference:				Fax:	(605) 721-1338	
Trees:	No			Land Owner:	BHP&L, Ben French Station	
Date GPS:	12/8/2005			Web Link:		
Who GPS:	JA			Latitude:	44.088734	
Certif:	Yes			Longitude:	-103.264602	
Comp:	No			Point X:	-103.26459171625363	
Asbestos:	No			Point Y:	44.08872687950604	
Legal Desc:	NE1/4 SW1/4 Sec 34, T2N, R7E					
Comments:						
FA Comment:	Not required					
Inspect Comments:						
App Comments:						
Micro Info:	Application: 91-2011 Roll#71 Permit: 91-2011 Roll#71 Corresp: 80-88 on mf, 89 to 14 Roll#71, 2015 Roll#75 P & S: 78-93 maps Roll#71					
Source:	2018 Retention: corresp - 2018 Solid Waste Facilities - Map Layer					

4	1 of 3	NNW	0.15 / 792.24	3,336.79 / 7	Sinclair Fleet Fueling Facility - Line Leak 501 Deadwood Avenue Rapid City SD 57702	LUST
ID:	96.351			Material:	Petroleum	
Site ID:	4661			Solid Wste Case No:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Abdn Tk Case Prg No:				Property Type:	Commercial
PRCF No:	3133			Case Reviewer:	NS
Status:	Closed			Acreage:	0.00
Regulated Tk:	True			County:	Pennington
Site Type:	Other(See Case File)			Township:	1N
Source Type:	UST			Range:	7E
Spill Category:	Petroleum			Section:	34
Cause Type:	Line Leak			Quarter:	NW
Amount:	0.00000			Latitude:	44.0897522
Units:				Longitude:	-103.262375
Dt Reported:	12/4/1996			Images Exist:	True
Dt Closed:	5/2/1997			Micro Roll:	
Respon Party:	Black Hills Oil - Flannery				
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.				

4	2 of 3	NNW	0.15 / 792.24	3,336.79 / 7	CORNER PANTRY #14 501 DEADWOOD AVENUE Rapid City SD 57702	UST
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Facility ID: 02-00299

DENR Underground Storage Tanks Database

Facility Name: CORNER PANTRY #14
Address: 501 DEADWOOD AVENUE
City: Rapid City
Zip Code: 57702
Active: TRUE
System Type: UST
Owner Name: MG OIL COMPANY

DENR Underground Storage Tanks Database Tank Info

Tank No: 2	Tank LD: Automatic Tank Gauging
Compartment No: 1	Pipe Material: DW APT
Tank Status: Current	Pipe Type: Pressure
Product: Gasoline	Pipe LD: Tightness Testing
Volume: 12000	Spill Prevention: Spill Bucket
Year Installed: 1998	Overfill Protectn: N/A
Tank Construction: STIP3	Tnk Equip Citation:
Tank No: 1	Tank LD: Automatic Tank Gauging
Compartment No: 1	Pipe Material: DW APT
Tank Status: Current	Pipe Type: Pressure
Product: Gasoline	Pipe LD: Tightness Testing
Volume: 15000	Spill Prevention: Spill Bucket
Year Installed: 1998	Overfill Protectn: N/A
Tank Construction: STIP3	Tnk Equip Citation:
Tank No: 3	Tank LD: Automatic Tank Gauging
Compartment No: 1	Pipe Material: DW APT
Tank Status: Current	Pipe Type: Pressure
Product: Gasoline	Pipe LD: Tightness Testing
Volume: 8000	Spill Prevention: Spill Bucket
Year Installed: 1998	Overfill Protectn: N/A
Tank Construction: STIP3	Tnk Equip Citation:
Tank No: 4	Tank LD: Automatic Tank Gauging
Compartment No: 1	Pipe Material: DW APT
Tank Status: Current	Pipe Type: Pressure
Product: Diesel	Pipe LD: Tightness Testing
Volume: 6000	Spill Prevention: Spill Bucket
Year Installed: 1998	Overfill Protectn: N/A
Tank Construction: STIP3	Tnk Equip Citation:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
4	3 of 3	NNW	0.15 / 792.24	3,336.79 / 7	BLACK HILLS OIL - GASCARD 501 DEADWOOD AVE Rapid City SD 57709	AST

Facility ID: 0200002

DENR Aboveground Storage Tanks Database

Facility Name: BLACK HILLS OIL - GASCARD
Address: 501 DEADWOOD AVE
City: Rapid City
Zip Code: 57709
System Type: AST
Active: FALSE
Owner Name: BLACK HILLS OIL MARKETERS

DENR Aboveground Storage Tanks Database Tank Info

Tank No:	2	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Kerosene	Pipe LD:	
Volume:	21000	Spill Prevention:	
Year Installed:	1996	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	4	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	21000	Spill Prevention:	
Year Installed:	1996	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	1	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	21000	Spill Prevention:	
Year Installed:	1996	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	3	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Kerosene	Pipe LD:	
Volume:	21000	Spill Prevention:	
Year Installed:	1996	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	

5	1 of 1	ESE	0.17 / 891.10	3,278.89 / -51	BLACK HILLS PACKING CO. 1330 W. CHICAGO Rapid City SD 57709	AST
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Facility ID: 0200013

DENR Aboveground Storage Tanks Database

Facility Name: BLACK HILLS PACKING CO.
Address: 1330 W. CHICAGO
City: Rapid City
Zip Code: 57709
System Type: AST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Active: FALSE
Owner Name: BLACK HILLS PACKING CO.

DENR Aboveground Storage Tanks Database Tank Info

Tank No:	2	Tank LD:	
Compartment No:	1	Pipe Material:	Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	20000	Spill Prevention:	
Year Installed:	1986	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	3	Tank LD:	
Compartment No:	1	Pipe Material:	Coated Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	11500	Spill Prevention:	
Year Installed:	1984	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	5	Tank LD:	
Compartment No:	1	Pipe Material:	Steel
Tank Status:	Removed	Pipe Type:	
Product:	Gasoline	Pipe LD:	
Volume:	300	Spill Prevention:	
Year Installed:	1899	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	4	Tank LD:	
Compartment No:	1	Pipe Material:	Steel
Tank Status:	Removed	Pipe Type:	
Product:	Used Oil	Pipe LD:	
Volume:	7500	Spill Prevention:	
Year Installed:	1973	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	1	Tank LD:	
Compartment No:	1	Pipe Material:	Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	20000	Spill Prevention:	
Year Installed:	1986	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	

6	1 of 5	N	0.17 / 906.42	3,366.60 / 36	VITRAN EXPRESS 540 DEADWOOD AVENUE SUITE 330 RAPID CITY SD 57702	RCRA VSQG
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EPA Handler ID: SDR000003798
Gen Status Universe: VSG
Contact Name: ROBERT BUNNER
Contact Address: 1600 WEST OLIVER STREET , , INDIANAPOLIS , IN, 46221 , US
Contact Phone No and Ext: 317-803-4062
Contact Email:
Contact Country: US
County Name: PENNINGTON
EPA Region: 08
Land Type: Private
Receive Date: 19990610
Location Latitude: 44.136993
Location Longitude: -103.271982
Recycler Activity?: NO
Recycler Activity Note: This facility has no indication of Recycling Activity.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	Yes
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Recycler Activity:	No
Recycler Act W.O. Storage:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19990610
Handler Name:	VITRAN EXPRESS
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	1600 WEST OLIVER STREET
Name:	VITRAN EXPRESS	Street 2:	
Date Became Current:		City:	INDIANAPOLIS
Date Ended Current:		State:	IN
Phone:	317-803-4062	Country:	
Source Type:	Notification	Zip Code:	46221

6	2 of 5	N	0.17 / 906.42	3,366.60 / 36	Barber Transportation Company 540 Deadwood Avenue Rapid City SD 57702	LUST
ID:	91.028	Material:	Petroleum			
Site ID:	1918	Solid Wste Case No:				
Abdn Tk Case Prg No:		Property Type:	Commercial			
PRCF No:	1329	Case Reviewer:	TK			
Status:	Closed	Acreage:	0.00			
Regulated Tk:	True	County:	Pennington			
Site Type:	Other(See Case File)	Township:				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Source Type:	UST				Range:	
Spill Category:	Petroleum				Section:	
Cause Type:	Corrosion				Quarter:	
Amount:	0.00000				Latitude:	44.09095
Units:					Longitude:	-103.260887
Dt Reported:	1/17/1991				Images Exist:	True
Dt Closed:	6/20/1991				Micro Roll:	
Respon Party:	Barber Transportation Company					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					
6	3 of 5	N	0.17 / 906.42	3,366.60 / 36	BARBER TRANSPORTATION CO 540 DEADWOOD AVE Rapid City SD 57709	UST

Facility ID: 02-00129

DENR Underground Storage Tanks Database

Facility Name: BARBER TRANSPORTATION CO
Address: 540 DEADWOOD AVE
City: Rapid City
Zip Code: 57709
Active: FALSE
System Type: UST
Owner Name: BARBER TRANSPORTATION CO

DENR Underground Storage Tanks Database Tank Info

Tank No:	2	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	6000	Spill Prevention:	
Year Installed:	1978	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	5	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	8000	Spill Prevention:	
Year Installed:	1978	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	6	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Gasoline	Pipe LD:	
Volume:	8000	Spill Prevention:	
Year Installed:	1978	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	3	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Gasoline	Pipe LD:	
Volume:	6000	Spill Prevention:	
Year Installed:	1978	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	
Tank No:	4	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Volume:	8000				Spill Prevention:
Year Installed:	1978				Overfill Protectn:
Tank Construction:	Steel				Tnk Equip Citation:
Tank No:	1				Tank LD:
Compartment No:	1				Pipe Material: Galvanized Steel
Tank Status:	Removed				Pipe Type:
Product:	Diesel				Pipe LD:
Volume:	6000				Spill Prevention:
Year Installed:	1978				Overfill Protectn:
Tank Construction:	Steel				Tnk Equip Citation:

6	4 of 5	N	0.17 / 906.42	3,366.60 / 36	Former Barber Transportation - Assessment 540 Deadwood Avenue Rapid City SD 57702	LAST
Site ID:	5936				Material:	Diesel
ID:	2000.038				Units:	
Abdn Tk Case Prg No:					Amount:	0.00000
Dep Agri Case No:					Acreage:	0.00
PRCF No:	3873				Images Exist:	True
Source Type:	AST				Micro Roll:	
Spill Category:	Petroleum				Respon Party:	BBC Property Partnership
Cause Type:	Leaks and Spills				County:	Pennington
Site Type:	Other(See Case File)				Latitude:	44.091114
Property Type:	Commercial				Longitude:	-103.261185
Dt Reported:	3/10/2000				Township:	
Dt Closed:	6/13/2001				Range:	
Regulated Tk:	False				Section:	
Inst Cntrls:					Quarter:	
Status:	Closed				Case Reviewer:	NS
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					
6	5 of 5	N	0.17 / 906.42	3,366.60 / 36	FEDEX FREIGHT RAP 540 DEADWOOD AVE STE 216 RAPID CITY SD 57702-0395	RCRA SQG

EPA Handler ID: SDR000219261
Gen Status Universe: Small Quantity Generator
Contact Name: RON N ROWE
Contact Address: 6900 , ALCOA RD , , BENTON , AR, 72015 , US
Contact Phone No and Ext: 501-860-7904 x3009
Contact Email: CHEMICALMANAGEMENT@CORP.DS.FEDEX.COM
Contact Country: US
County Name: PENNINGTON
EPA Region: 08
Land Type: Private
Receive Date: 20240125
Location Latitude: 44.089734
Location Longitude: -103.261854
Recycler Activity(YES/NO)?: NO
Recycler Activity Note: This facility has no indication of Recycling Activity.

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Oct, 2024.

Evaluation Details

Evaluation Start Date: 20240125
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No
Recycler Activity: No
Recycler Activity W.O. Stor: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20170728
Handler Name: FEDEX FREIGHT, INC (RAP)
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20200213
Handler Name: FEDEX FREIGHT, INC (RAP)
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	20201204
Handler Name:	FEDEX FREIGHT RAP
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE

Hazardous Waste Code:	D003
Waste Code Description:	REACTIVE WASTE

Hazardous Waste Code:	D004
Waste Code Description:	ARSENIC

Hazardous Waste Code:	D005
Waste Code Description:	BARIUM

Hazardous Waste Code:	D006
Waste Code Description:	CADMIUM

Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Code:	D009
Waste Code Description:	MERCURY

Hazardous Waste Code:	D010
Waste Code Description:	SELENIUM

Hazardous Waste Code:	D011
Waste Code Description:	SILVER

Hazardous Waste Code:	D016
Waste Code Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Hazardous Waste Code:	D018
Waste Code Description:	BENZENE

Hazardous Waste Code:	D022
Waste Code Description:	CHLOROFORM

Hazardous Waste Code:	D023
Waste Code Description:	O-CRESOL

Hazardous Waste Code:	D035
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Waste Code Description:	METHYL ETHYL KETONE
Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE
Hazardous Waste Code:	D040
Waste Code Description:	TRICHLOROETHYLENE
Hazardous Waste Code:	U158
Waste Code Description:	4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
Hazardous Waste Code:	U159
Waste Code Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Hazardous Waste Code:	U160
Waste Code Description:	2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
Hazardous Waste Code:	U161
Waste Code Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Hazardous Waste Code:	U162
Waste Code Description:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Hazardous Waste Code:	U165
Waste Code Description:	NAPHTHALENE
Hazardous Waste Code:	U182
Waste Code Description:	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE
Hazardous Waste Code:	U201
Waste Code Description:	1,3-BENZENEDIOL (OR) RESORCINOL
Hazardous Waste Code:	U210
Waste Code Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Hazardous Waste Code:	U213
Waste Code Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Hazardous Waste Code:	U219
Waste Code Description:	THIOUREA
Hazardous Waste Code:	U220
Waste Code Description:	BENZENE, METHYL- (OR) TOLUENE
Hazardous Waste Code:	U228
Waste Code Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Hazardous Waste Code:	U239
Waste Code Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Hazardous Waste Handler Details

Sequence No:	4
Receive Date:	20230210
Handler Name:	FEDEX FREIGHT RAP
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Hazardous Waste Code: Waste Code Description:		D003			REACTIVE WASTE
Hazardous Waste Code: Waste Code Description:		D004			ARSENIC
Hazardous Waste Code: Waste Code Description:		D005			BARIUM
Hazardous Waste Code: Waste Code Description:		D006			CADMIUM
Hazardous Waste Code: Waste Code Description:		D007			CHROMIUM
Hazardous Waste Code: Waste Code Description:		D008			LEAD
Hazardous Waste Code: Waste Code Description:		D009			MERCURY
Hazardous Waste Code: Waste Code Description:		D010			SELENIUM
Hazardous Waste Code: Waste Code Description:		D011			SILVER
Hazardous Waste Code: Waste Code Description:		D016			2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Hazardous Waste Code: Waste Code Description:		D018			BENZENE
Hazardous Waste Code: Waste Code Description:		D022			CHLOROFORM
Hazardous Waste Code: Waste Code Description:		D023			O-CRESOL
Hazardous Waste Code: Waste Code Description:		D035			METHYL ETHYL KETONE
Hazardous Waste Code: Waste Code Description:		D039			TETRACHLOROETHYLENE
Hazardous Waste Code: Waste Code Description:		D040			TRICHLOROETHYLENE
Hazardous Waste Code: Waste Code Description:		U158			4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-
Hazardous Waste Code: Waste Code Description:		U159			2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Hazardous Waste Code: Waste Code Description:		U160			2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
Hazardous Waste Code: Waste Code Description:		U161			4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Hazardous Waste Code: Waste Code Description:		U162			2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Hazardous Waste Code: Waste Code Description:		U165			NAPHTHALENE
Hazardous Waste Code: Waste Code Description:		U182			1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
Hazardous Waste Code:		U201			
Waste Code Description:		1,3-BENZENEDIOL (OR) RESORCINOL			
Hazardous Waste Code:		U210			
Waste Code Description:		ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE			
Hazardous Waste Code:		U213			
Waste Code Description:		FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)			
Hazardous Waste Code:		U219			
Waste Code Description:		THIOUREA			
Hazardous Waste Code:		U220			
Waste Code Description:		BENZENE, METHYL- (OR) TOLUENE			
Hazardous Waste Code:		U228			
Waste Code Description:		ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE			
Hazardous Waste Code:		U239			
Waste Code Description:		BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)			

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20240125
Handler Name: FEDEX FREIGHT RAP
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D016
Waste Code Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Hazardous Waste Code:	D018				
Waste Code Description:	BENZENE				
Hazardous Waste Code:	D022				
Waste Code Description:	CHLOROFORM				
Hazardous Waste Code:	D023				
Waste Code Description:	O-CRESOL				
Hazardous Waste Code:	D035				
Waste Code Description:	METHYL ETHYL KETONE				
Hazardous Waste Code:	D039				
Waste Code Description:	TETRACHLOROETHYLENE				
Hazardous Waste Code:	D040				
Waste Code Description:	TRICHLOROETHYLENE				
Hazardous Waste Code:	U158				
Waste Code Description:	4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-				
Hazardous Waste Code:	U159				
Waste Code Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)				
Hazardous Waste Code:	U160				
Waste Code Description:	2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)				
Hazardous Waste Code:	U161				
Waste Code Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-				
Hazardous Waste Code:	U162				
Waste Code Description:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)				
Hazardous Waste Code:	U165				
Waste Code Description:	NAPHTHALENE				
Hazardous Waste Code:	U182				
Waste Code Description:	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE				
Hazardous Waste Code:	U201				
Waste Code Description:	1,3-BENZENEDIOL (OR) RESORCINOL				
Hazardous Waste Code:	U210				
Waste Code Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE				
Hazardous Waste Code:	U213				
Waste Code Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)				
Hazardous Waste Code:	U219				
Waste Code Description:	THIOUREA				
Hazardous Waste Code:	U220				
Waste Code Description:	BENZENE, METHYL- (OR) TOLUENE				
Hazardous Waste Code:	U228				
Waste Code Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE				
Hazardous Waste Code:	U239				
Waste Code Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)				

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	2200
Type:	Private	Street 1:	FORWARD DR
Name:	FEDEX FREIGHT, INC	Street 2:	
Date Became Current:	20060706	City:	HARRISON
Date Ended Current:		State:	AR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Phone:	800-874-4723			Country:	US
Source Type:	Implementer			Zip Code:	72601
Owner/Operator Ind:	Current Owner			Street No:	2200
Type:	Private			Street 1:	FORWARD DR
Name:	FEDEX FREIGHT, INC			Street 2:	
Date Became Current:	20060706			City:	HARRISON
Date Ended Current:				State:	AR
Phone:	800-874-4723			Country:	US
Source Type:	Notification			Zip Code:	72601
Owner/Operator Ind:	Current Owner			Street No:	2200
Type:	Private			Street 1:	FORWARD DR
Name:	FEDEX FREIGHT, INC			Street 2:	
Date Became Current:	20060706			City:	HARRISON
Date Ended Current:				State:	AR
Phone:	800-874-4723			Country:	US
Source Type:	Implementer			Zip Code:	72601
Owner/Operator Ind:	Current Operator			Street No:	
Type:	Private			Street 1:	
Name:	FEDEX FREIGHT			Street 2:	
Date Became Current:				City:	
Date Ended Current:				State:	
Phone:				Country:	
Source Type:	Notification			Zip Code:	
Owner/Operator Ind:	Current Operator			Street No:	2200
Type:	Private			Street 1:	FORWARD DR
Name:	FEDEX FREIGHT, INC			Street 2:	
Date Became Current:	20060706			City:	HARRISON
Date Ended Current:				State:	AR
Phone:	800-874-4723			Country:	US
Source Type:	Notification			Zip Code:	72601

Historical Handler Details

Receive Dt:	20230210
Generator Code Description:	Small Quantity Generator
Handler Name:	FEDEX FREIGHT RAP
Receive Dt:	20201204
Generator Code Description:	Small Quantity Generator
Handler Name:	FEDEX FREIGHT RAP
Receive Dt:	20200213
Generator Code Description:	Small Quantity Generator
Handler Name:	FEDEX FREIGHT, INC (RAP)
Receive Dt:	20170728
Generator Code Description:	Very Small Quantity Generator
Handler Name:	FEDEX FREIGHT, INC (RAP)

7	1 of 2	SE	0.18 / 946.53	3,346.79 / 17	Northwest Pipe Fittings - Tank Removals 2309 West Omaha Street Rapid City SD 57702-2462	LUST
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ID:	91.526	Material:	Gasoline
Site ID:	2416	Solid Wste Case No:	
Abdn Tk Case Prg No:		Property Type:	Industrial
PRCF No:	1833	Case Reviewer:	JN
Status:	No Further Action	Acreage:	0.00
Regulated Tk:	True	County:	Pennington
Site Type:	Other(See Case File)	Township:	2N
Source Type:	UST	Range:	7E
Spill Category:	Petroleum	Section:	34

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Cause Type:	Overfills/Spillage			Quarter:	SE	
Amount:	0.00000			Latitude:	44.0834961	
Units:				Longitude:	-103.258858	
Dt Reported:	11/19/1991			Images Exist:	True	
Dt Closed:	10/21/2002			Micro Roll:	210,212	
Respon Party:	Northwest Pipe Fittings					
Status Description:	The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.					

<u>7</u>	2 of 2	SE	0.18 / 946.53	3,346.79 / 17	NORTHWEST PIPE FITTINGS INC 2309 W OMAHA ST Rapid City SD 57701	UST
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Facility ID: 02-00057

DENR Underground Storage Tanks Database

Facility Name: NORTHWEST PIPE FITTINGS INC
Address: 2309 W OMAHA ST
City: Rapid City
Zip Code: 57701
Active: FALSE
System Type: UST
Owner Name: NORTHWEST PIPE FITTINGS INC

DENR Underground Storage Tanks Database Tank Info

Tank No:	1	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Gasoline	Pipe LD:	
Volume:	10000	Spill Prevention:	
Year Installed:	1974	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	

Tank No:	2	Tank LD:	
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	
Product:	Diesel	Pipe LD:	
Volume:	10000	Spill Prevention:	
Year Installed:	1974	Overfill Protectn:	
Tank Construction:	Steel	Tnk Equip Citation:	

<u>8</u>	1 of 1	NNW	0.21 / 1,101.81	3,352.94 / 23	POMP'S TIRE SERVICE, INC. 691 DEADWOOD AVENUE RAPID CITY SD 57702	RCRA NON GEN
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EPA Handler ID: SDR000222216
Gen Status Universe: No Report
Contact Name: DUANE MILLER
Contact Address:
Contact Phone No and Ext: 605-343-4560
Contact Email:
Contact Country:
County Name: PENNINGTON
EPA Region: 08
Land Type:
Receive Date: 20231108
Location Latitude:
Location Longitude:
Recycler Activity?: NO
Recycler Activity Note: This facility has no indication of Recycling Activity.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Oct, 2024.

Evaluation Details

Evaluation Start Date: 20231108
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No
Recycler Activity: No
Recycler Activity Without Storage: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20231108
Handler Name: POMP'S TIRE SERVICE, INC.
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

9	1 of 3	ESE	0.22 / 1,137.97	3,272.80 / -57	U-Haul Facility #725069 - Line Leaks 20 Deadwood Avenue Rapid City SD 57702-0322	LUST
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ID:	97.214	Material:	petroleum
Site ID:	4902	Solid Wste Case No:	
Abdn Tk Case Prg No:		Property Type:	Commercial
PRCF No:	3200	Case Reviewer:	GH
Status:	Closed	Acreage:	0.00
Regulated Tk:	True	County:	Pennington
Site Type:	Other(See Case File)	Township:	2N
Source Type:	UST	Range:	7E
Spill Category:	Petroleum	Section:	34
Cause Type:	Line Leak	Quarter:	SE
Amount:	0.00000	Latitude:	44.0854454
Units:		Longitude:	-103.256653
Dt Reported:	6/23/1997	Images Exist:	True
Dt Closed:	12/31/1998	Micro Roll:	
Respon Party:	Amerco Real Estate Company		
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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review.

9	2 of 3	ESE	0.22 / 1,137.97	3,272.80 / -57	U-HAUL CO 20 DEADWOOD AVE Rapid City SD 57701	UST
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Facility ID: 02-00020

DENR Underground Storage Tanks Database

Facility Name: U-HAUL CO
Address: 20 DEADWOOD AVE
City: Rapid City
Zip Code: 57701
Active: FALSE
System Type: UST
Owner Name: U-HAUL REAL ESTATE COMPANY

DENR Underground Storage Tanks Database Tank Info

Tank No:	2	Tank LD:	Inventory Control
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	Pressure
Product:	Gasoline	Pipe LD:	
Volume:	10000	Spill Prevention:	
Year Installed:	1899	Overfill Protectn:	
Tank Construction:	STIP3	Tnk Equip Citation:	
Tank No:	1	Tank LD:	Inventory Control
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	Pressure
Product:	Gasoline	Pipe LD:	
Volume:	10000	Spill Prevention:	
Year Installed:	1899	Overfill Protectn:	
Tank Construction:	STIP3	Tnk Equip Citation:	
Tank No:	3	Tank LD:	Inventory Control
Compartment No:	1	Pipe Material:	Galvanized Steel
Tank Status:	Removed	Pipe Type:	Pressure
Product:	Used Oil	Pipe LD:	
Volume:	560	Spill Prevention:	
Year Installed:	1985	Overfill Protectn:	
Tank Construction:	STIP3	Tnk Equip Citation:	

9	3 of 3	ESE	0.22 / 1,137.97	3,272.80 / -57	U-Haul 20 Deadwood Ave Rapid City SD 57702	ALT FUELS
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ID:	19900	CNG Dispenser No:	
Fuel Type Code:	LPG: Liquefied Petroleum Gas(Propane)	CNG Site Renew Src:	
Station Phone:	605-348-1151	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2000-11-01	LNG Site Renew Src:	
Hydrogen is Retail:		LNG Vehicle Class:	
Federal Agency:		LPG Nozzle Types:	ACME QUICK_CONNECT
Facility Type:	RENTAL_CAR_RETURN	Hydrogen Pressures:	
Dt Last Confirmed:	2024-01-09	Hydrogen Standards:	
Updated at:	2024-01-31 22:07:01 UTC	Latitude:	44.084749
Access Code:	public	Longitude:	-103.255668
Access Detail Code:			
Groups with Access Code:	Public		

10	1 of 1	N	0.22 / 1,168.96	3,364.05 / 34	DAKOTA BATTERIES AND ELECTRIC, INC. 740 DEADWOOD AVENUE RAPID CITY SD 57702	RCRA NON GEN
EPA Handler ID:		SDR000222208				
Gen Status Universe:		No Report				
Contact Name:		CASEY BARRETT				
Contact Address:						
Contact Phone No and Ext:		605-348-8631				
Contact Email:						
Contact Country:						
County Name:		PENNINGTON				
EPA Region:		08				
Land Type:						
Receive Date:		20231108				
Location Latitude:						
Location Longitude:						
Recycler Activity?:		NO				
Recycler Activity Note:		This facility has no indication of Recycling Activity.				

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Oct, 2024.

Evaluation Start Date:	20231108
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Recycler Activity:	No
Recycler Activity Without Storage:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20231108
Handler Name:	DAKOTA BATTERIES AND ELECTRIC, INC.
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

<u>11</u>	1 of 1	N	0.22 / 1,187.42	3,357.71 / 27	Brewer Tire Co. Deadwood Ave. Rapid City SD 57702	LUST
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ID:	89001.000	Material:	
Site ID:	8213	Solid Wste Case No:	
Abdn Tk Case Prg No:		Property Type:	Commercial
PRCF No:		Case Reviewer:	MV
Status:	Closed	Acreage:	0.00
Regulated Tk:	True	County:	Pennington
Site Type:	Clean Site	Township:	
Source Type:	UST	Range:	
Spill Category:	Other(See Case File)	Section:	
Cause Type:	No Release	Quarter:	
Amount:	0.00000	Latitude:	44.09088
Units:		Longitude:	-103.262276
Dt Reported:	8/28/1989	Images Exist:	True
Dt Closed:	8/28/1989	Micro Roll:	
Respon Party:	Brewer Tire Co.		
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.		

<u>12</u>	1 of 1	S	0.24 / 1,251.04	3,307.81 / -22	Church Heating & Cooling 2520 West Main St. Rapid City SD 57702-2424	LUST
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ID:	94.151	Material:	Gasoline
Site ID:	3686	Solid Wste Case No:	
Abdn Tk Case Prg No:		Property Type:	Commercial
PRCF No:	2560	Case Reviewer:	JA
Status:	Closed	Acreage:	0.00
Regulated Tk:	True	County:	Pennington
Site Type:	Other(See Case File)	Township:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Source Type:	UST				Range:	
Spill Category:	Petroleum				Section:	
Cause Type:	Spillage				Quarter:	
Amount:	0.00000				Latitude:	44.08235
Units:					Longitude:	-103.261543
Dt Reported:	6/2/1994				Images Exist:	True
Dt Closed:	6/28/1994				Micro Roll:	
Respon Party:	Moyle Petroleum Company					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

13	1 of 1	NE	0.24 / 1,265.75	3,312.00 / -18	Clean ATP - Cedar Investment Property 500 Krebs Drive Rapid City SD 57702-8004	LUST
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ID:	2003005.000	Material:	
Site ID:	10189	Solid Wste Case No:	
Abdn Tk Case Prg No:	2726	Property Type:	Unknown(See Case File)
PRCF No:	6683	Case Reviewer:	KM
Status:	Closed	Acreage:	0.00
Regulated Tk:	True	County:	Pennington
Site Type:	ATP	Township:	
Source Type:	UST	Range:	
Spill Category:	Other(See Case File)	Section:	
Cause Type:	No Release	Quarter:	
Amount:	0.00000	Latitude:	44.089344
Units:		Longitude:	-103.257607
Dt Reported:	10/1/2003	Images Exist:	True
Dt Closed:	11/26/2003	Micro Roll:	225,
Respon Party:	Cedar Investment Property LLC		
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.		

14	1 of 1	NW	0.26 / 1,354.97	3,332.25 / 2	Ward and Company 651 Industrial Drive Rapid City SD 57701	LAST
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Site ID:	2773	Material:	Diesel
ID:	92.183	Units:	
Abdn Tk Case Prg No:		Amount:	0.00000
Dep Agri Case No:		Acreage:	0.00
PRCF No:	2140	Images Exist:	True
Source Type:	AST	Micro Roll:	
Spill Category:	Petroleum	Respon Party:	Don Ward and Company
Cause Type:	Spillage	County:	Pennington
Site Type:	Other(See Case File)	Latitude:	44.0896759
Property Type:	Commercial	Longitude:	-103.264984
Dt Reported:	5/27/1992	Township:	
Dt Closed:	9/26/1994	Range:	
Regulated Tk:	True	Section:	
Inst Cntrls:		Quarter:	
Status:	Closed	Case Reviewer:	TK
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.		

15	1 of 1	S	0.26 / 1,389.89	3,325.19 / -5	Hill Top Pie Shop - Tank Removals 2600 West Main Rapid City SD 57702-2491	LUST
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ID:	93.096	Material:	Petroleum
Site ID:	3111	Solid Wste Case No:	
Abdn Tk Case Prg No:		Property Type:	Commercial
PRCF No:	2414	Case Reviewer:	KH

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Status:	Closed	Acreage:	0.00
Regulated Tk:	True	County:	Pennington
Site Type:	Other(See Case File)	Township:	2N
Source Type:	UST	Range:	7E
Spill Category:	Petroleum	Section:	34
Cause Type:	Corrosion	Quarter:	SE
Amount:	0.00000	Latitude:	44.08245
Units:		Longitude:	-103.262482
Dt Reported:	4/23/1993	Images Exist:	True
Dt Closed:	7/15/1993	Micro Roll:	
Respon Party:	Wally Gunderson		
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.		

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1 of 1

SSW

0.27 /
1,416.593,328.98 /
-1

SDARNG - CAMP RAPID

PFAS IND

RAPID CITY SD

Status:	Active	Fac Fips Code:	46103
Fac Indian Cntry Flg:	No	Compliance Status:	No Violation Identified
Fac Derived Huc:	10120110	EPA Programs:	RCRA
Fac Derived Wbd:	101201100202	Federal Facility:	Yes
Fac Derived Cd113:	01	Federal Agency:	-
Fac Derived Cb2010:	461030112001015	Fac Snc Flg:	No
Fac Informal Count:	0	AIR Flag:	No
Last Informal Action:	-	NPDES Flag:	No
Formal Action Count:	0	SDWIS Flag:	No
Last Formal Action:	-	RCRAFlag:	Yes
Fac Total Penalties:	0	TRI Flag:	No
Fac Penalty Count:	-	GHG Flag:	No
Date Last Penalty:	-	TRI IDs:	-
Last Penalty Amt:	-	TRI Releases Trnsfrs:	-
Fac Qtrs With Nc:	0	TRI on Site Releases:	-
Programs With Snc:	0	TRI off Site Trnsfrs:	-
Fac Percent Minority:	23.167	TRI Reporter:	-
Fac Pop Den:	1513.56	Fac Imp Water Flg:	-
Count:	1	Fac Major Flag:	-
Fac County:	PENNINGTON	Fac Active Flag:	Yes
State Other :		Fac Inspection Count:	1
Region:	08	Date Last Inspection:	2/8/2024
Latitude:	44.08216	Days Last Inspection:	310
Longitude:	-103.26261		
Fac Derived Tribes:	-		
AIR IDs:	-		
CAA Permit Types:	-		
CAA NAICS:	-		
CAA SICS:	-		
NPDES IDs:	-		
CWA Permit Types:	-		
CWA NAICS:	-		
CWA SICS:	-		
RCRA IDs:	SDD980953020		
RCRA Permit Types:	VSQG		
RCRA NAICS:	928110		
SDWA IDs:	-		
SDWA System Types:	-		
SDWA Compliance Status:	-		
SDWA Snc Flag:	No		
Fac Collection Meth:	ADDRESS MATCHING-HOUSE NUMBER		
EJSCREEN Flag Us:	No		
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-103.26261,%22y%22:44.08216,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1		
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110067271632		
Industry:	National Defense		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
17	1 of 1	WNW	0.27 / 1,430.23	3,306.75 / -24	GCC Dacotah - Sight Glass Failure 501 N. Saint Onge Street Rapid City SD 57702	LAST
Site ID:	11621			Material:	Ethylene Glycol	
ID:	2010.036			Units:	Gallons	
Abdn Tk Case Prg No:				Amount:	1550.00000	
Dep Agri Case No:				Acreage:	0.00	
PRCF No:				Images Exist:	True	
Source Type:	AST			Micro Roll:	280	
Spill Category:	Chemical			Respon Party:	GCC Dacotah	
Cause Type:	Equipment Failure			County:	Pennington	
Site Type:	Other(See Case File)			Latitude:	44.08876	
Property Type:	Industrial			Longitude:	-103.270813	
Dt Reported:	3/26/2010			Township:	2N	
Dt Closed:	6/29/2011			Range:	7E	
Regulated Tk:	False			Section:	34	
Inst Cntrls:				Quarter:		
Status:	Closed			Case Reviewer:	TK	
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					
18	1 of 1	S	0.29 / 1,510.60	3,298.68 / -32	Moyle Petroleum - Culligan - Surface Spills 2447 West Main St. Rapid City SD 57702-2421	LUST
ID:	94.025			Material:	Gasoline	
Site ID:	3560			Solid Wste Case No:		
Abdn Tk Case Prg No:				Property Type:	Commercial	
PRCF No:	2559			Case Reviewer:	RC	
Status:	Closed			Acreage:	0.00	
Regulated Tk:	True			County:	Pennington	
Site Type:	Other(See Case File)			Township:		
Source Type:	UST			Range:		
Spill Category:	Petroleum			Section:		
Cause Type:	Overfills/Spillage			Quarter:		
Amount:	0.00000			Latitude:	44.08158	
Units:				Longitude:	-103.260445	
Dt Reported:	2/23/1994			Images Exist:	True	
Dt Closed:	3/3/1994			Micro Roll:		
Respon Party:	Moyle Petroleum					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					
19	1 of 3	SE	0.29 / 1,512.22	3,273.12 / -57	Concord Station Site 2308 West Main Rapid City SD 57702	LUST
ID:	2008.135			Material:	petroleum	
Site ID:	11221			Solid Wste Case No:		
Abdn Tk Case Prg No:				Property Type:	Commercial	
PRCF No:	7297			Case Reviewer:	JPA	
Status:	No Further Action			Acreage:	0.00	
Regulated Tk:	True			County:	Pennington	
Site Type:	Other(See Case File)			Township:		
Source Type:	UST			Range:		
Spill Category:	Petroleum			Section:		
Cause Type:	Dispenser Leak			Quarter:		
Amount:	0.00000			Latitude:	44.0822945	
Units:				Longitude:	-103.257706	
Dt Reported:	7/16/2008			Images Exist:	True	
Dt Closed:	6/30/2009			Micro Roll:	265	
Respon Party:	Concord - Karl Frei					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Status Description:	The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.				
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<u>19</u>	2 of 3	SE	0.29 / 1,512.22	3,273.12 / -57	Concord Station (tank in vault) 2308 West Main Rapid City SD 57702-2420	LAST
Site ID:	359			Material:	Gasoline	
ID:	85.091			Units:		
Abdn Tk Case Prg No:				Amount:	0.00000	
Dep Agri Case No:				Acreage:	0.00	
PRCF No:				Images Exist:	True	
Source Type:	AST			Micro Roll:		
Spill Category:	Petroleum			Respon Party:	Louis Long	
Cause Type:	Spillage			County:	Pennington	
Site Type:	Other(See Case File)			Latitude:	44.082283	
Property Type:	Commercial			Longitude:	-103.257645	
Dt Reported:	12/9/1985			Township:	1N	
Dt Closed:	6/30/2000			Range:	7E	
Regulated Tk:	True			Section:		
Inst Cntrls:				Quarter:		
Status:	Closed			Case Reviewer:	KM	
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

<u>19</u>	3 of 3	SE	0.29 / 1,512.22	3,273.12 / -57	Former Tidal Station - Tank System Removal 2308 West Main Street Rapid City SD 57702	LUST
ID:	2018.037			Material:	Petroleum	
Site ID:	14215			Solid Wste Case No:		
Abdn Tk Case Prg No:				Property Type:	Commercial	
PRCF No:	8358			Case Reviewer:	ZB	
Status:	No Further Action			Acreage:		
Regulated Tk:	True			County:	Pennington	
Site Type:	Other(See Case File)			Township:		
Source Type:	UST			Range:		
Spill Category:	Petroleum			Section:		
Cause Type:	Line Leak			Quarter:		
Amount:				Latitude:	44.0824	
Units:				Longitude:	-103.257767	
Dt Reported:	3/15/2018			Images Exist:	True	
Dt Closed:	8/8/2019			Micro Roll:		
Respon Party:	Concord Oil Company					
Status Description:	The case is no longer being investigated because the department has determined that there should be no further threat to the environment or human health. The site will be contaminated. The files should be available for review.					

<u>20</u>	1 of 1	W	0.29 / 1,524.41	3,330.99 / 1	ATP - Birdsall Central Mix Plant 2900 West Chicago Street Rapid City SD 57702-0384	LUST
ID:	2001.038			Material:	fuel oil	
Site ID:	6323			Solid Wste Case No:		
Abdn Tk Case Prg No:	229			Property Type:	Industrial	
PRCF No:	4127			Case Reviewer:	KM	
Status:	Closed			Acreage:	0.00	
Regulated Tk:	False			County:	Pennington	
Site Type:	ATP			Township:		
Source Type:	UST			Range:		
Spill Category:	Petroleum			Section:		
Cause Type:	Corrosion			Quarter:		
Amount:	0.00000			Latitude:	44.08607	
Units:				Longitude:	-103.270042	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Dt Reported:	2/14/2001				Images Exist:	True
Dt Closed:	9/27/2001				Micro Roll:	207
Respon Party:	Pete Lien & Sons, Inc.					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

21 1 of1 SW 0.30 / 1,596.85 3,346.57 / 16 Joint Forces Headquarters SD PFAS FED SITES

Federal Facility ID: -
EPA Region: 08
State Territory or Tribe: SD
State Other:
Latitude: 44.083013
Longitude: -103.266695

PFAD Details

Federal Agency: Army
Property Type: National Guard
Org Reporting PFAS: DoD
PFAS Presence: Suspected
Notif to Agricultural Ops: -
Notif to Agricultural Ops 1: -
Notif to Agricultural 2: -
Notif to Agricultural 3: -
PFBS Max Detected GW: -
PFBS Detected GW (ppt): -
PFOA Max Detected GW: -
PFOA Detected GW (ppt): -
PFOS Max Detected GW: -
PFOS Detected GW (ppt): -
DOD Cleanup Status: PA/SI Completed - No Further Action
Estimated Pa Si End Date: -
Estimated Ri Fs End Date: -
EJ Screen Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-103.266695,%22y%22:44.083013,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
Link: -
Note: -

22 1 of1 SE 0.30 / 1,604.22 3,265.16 / -65 Hardees Site - Petroleum Contamination (see 85.091) LUST

ID: 88.041
Site ID: 645
Abdn Tk Case Prg No:
PRCF No:
Status: Closed
Regulated Tk: True
Site Type: Other(See Case File)
Source Type: UST
Spill Category: Petroleum
Cause Type: Spillage
Amount: 0.00000
Units:
Dt Reported: 3/16/1988
Dt Closed: 9/9/2003
Respon Party: Louis Long
Status Description: The case has met cleanup requirements and is no longer being investigated. The files should be available for review.

Material: Petroleum
Solid Wste Case No:
Property Type: Commercial
Case Reviewer: GH
Acreage: 0.00
County: Pennington
Township: 1N
Range: 8E
Section: 3
Quarter: N
Latitude: 44.0823441
Longitude: -103.256927
Images Exist: True
Micro Roll: 237

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
23	1 of 2	SW	0.38 / 1,999.34	3,349.11 / 19	Clean ATP - SDANG Headquarters 2823 West Main, Bldg 400 (hdqtrs) Rapid City SD 57702	LUST
ID: 2009003.000 Site ID: 11422 Abdn Tk Case Prg No: 3102 PRCF No: 7368 Status: Closed Regulated Tk: False Site Type: ATP Source Type: UST Spill Category: Other(See Case File) Cause Type: No Release Amount: 0.00000 Units: Dt Reported: 6/17/2009 Dt Closed: 6/17/2009 Respon Party: SD Army National Guard (SDANG) Status Description: The case has met cleanup requirements and is no longer being investigated. The files should be available for review. Material: Solid Wste Case No: Property Type: Other(See Case File) Case Reviewer: TF Acreage: 0.00 County: Pennington Township: Range: Section: Quarter: Latitude: 44.08171 Longitude: -103.266411 Images Exist: True Micro Roll: 265						

23	2 of 2	SW	0.38 / 1,999.34	3,349.11 / 19	Site Assessment-Joint Forces Headquarters 2823 West Main Street Rapid City SD 57702	PFAS
Site ID: 14889 ID No: 2020.168 Abdn Tk Case Prg No: Dep Agri Case No: Solid Wste Case No: PRCF No: Source Type: Other(See Case File) Spill Date: Spill Category: Chemical Cause Type: No Release Site Type: Federal Property Type: Other(See Case File) Dt Reported: 9/10/2020 Dt Closed: 2/2/2021 Tanks Yank: Regulated Tk: False Status: C Status Name: Closed Status Description: The case has met cleanup requirements and is no longer being investigated. The files should be available for review. Inst Controls: Material: AFFF Units: Amount: Acreage: Image Exists: True Micro Roll: Respon Party: Army National Guard Bureau County: Pennington Latitude: 44.0802841 Longitude: -103.267639 Township: Range: Section: Quarter: Case Reviewer: BH Consult:						

24	1 of 1	WNW	0.38 / 2,025.65	3,328.08 / -2	South Dakota Cement Plant - Tank Removal Cement Plant Road Rapid City SD 57701	LUST
ID: 90.158 Site ID: 1393 Abdn Tk Case Prg No: PRCF No: 582 Status: Closed Regulated Tk: False Site Type: Other(See Case File) Source Type: UST Spill Category: Petroleum Cause Type: Leakage Material: Fuel Oil Solid Wste Case No: Property Type: Industrial Case Reviewer: MV Acreage: 0.00 County: Pennington Township: Range: Section: Quarter:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Amount:	0.00000				Latitude:	44.08946
Units:					Longitude:	-103.2697
Dt Reported:	11/15/1989				Images Exist:	True
Dt Closed:	7/12/1991				Micro Roll:	
Respon Party:	Fred Carl - South Dakota Cement Plant					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

<u>25</u>	1 of 1	SW	0.41 / 2,152.94	3,345.81 / 16	West Camp Rapid SD	PFAS SSEHRI
Site Name:	West Camp Rapid					
State:	South Dakota					
Latitude:	44.0811462					
Longitude:	-103.2666702					
Sample Date:	2018					
Sample Matrix:	Drinking Water					
Industry:	Military					
PFOA (ppt):						
PFOS (ppt):						
PFOA & PFOS from One Spl (ppt):						
Total PFAS from One Spl (ppt):	6					
Other Site Name(s):						
PFAS Testing Results Link:	https://drive.google.com/file/d/1g1t60FsMLcfluvkLqorqlbsHnkF_rNZw/view?usp=sharing					
Suspected Source Link:	https://drive.google.com/file/d/1g1t60FsMLcfluvkLqorqlbsHnkF_rNZw/view?usp=sharing					
Federal State Local Online Res:						
Link to General Ref Form:	https://drive.google.com/drive/u/0/folders/1uabj078alqwg8GIADRa0PuaF4PmlOuX4					
Link to Site Specific Ref:	https://drive.google.com/drive/u/0/folders/17vc5JX3Gvo92Bih-kg-GABnBbExIjXg					
Notes and Additional Informati:						

<u>26</u>	1 of 1	WNW	0.41 / 2,171.58	3,327.49 / -3	South Dakota Cement Plant - Tank Removals Cement Plant Road Rapid City SD 57701	LUST
ID:	90.159				Material:	Gasoline, Kerosene
Site ID:	1394				Solid Wste Case No:	
Abdn Tk Case Prg No:					Property Type:	Industrial
PRCF No:	1358				Case Reviewer:	BL
Status:	Closed				Acreage:	0.00
Regulated Tk:	True				County:	Pennington
Site Type:	Other(See Case File)				Township:	
Source Type:	UST				Range:	
Spill Category:	Petroleum				Section:	
Cause Type:	Corrosion				Quarter:	
Amount:	0.00000				Latitude:	44.0902138
Units:					Longitude:	-103.269791
Dt Reported:	5/8/1990				Images Exist:	True
Dt Closed:	12/24/1991				Micro Roll:	
Respon Party:	South Dakota Cement Plant					
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.					

<u>27</u>	1 of 1	WSW	0.43 / 2,271.89	3,352.68 / 22	Big D Texaco - Hose Spill 3010 West Main (St. Onge & West Main) Rapid City SD 57702-8106	LUST
ID:	97.232				Material:	Gasoline
Site ID:	4920				Solid Wste Case No:	
Abdn Tk Case Prg No:					Property Type:	Commercial
PRCF No:					Case Reviewer:	DR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Status:	Closed	Acreage:	0.00
Regulated Tk:	True	County:	Pennington
Site Type:	Other(See Case File)	Township:	
Source Type:	UST	Range:	
Spill Category:	Petroleum	Section:	
Cause Type:	Disconnected Hose	Quarter:	
Amount:	100.00000	Latitude:	44.0824623
Units:	gallons	Longitude:	-103.269112
Dt Reported:	7/10/1997	Images Exist:	True
Dt Closed:	4/1/1999	Micro Roll:	
Respon Party:	Transwood Trucking		
Status Description:	The case has met cleanup requirements and is no longer being investigated. The files should be available for review.		

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1 of 1

SW

0.47 /
2,506.933,342.60 /
12

Rapid City Airport Complex

SD

PFAS
FED SITES

Federal Facility ID: -
EPA Region: 08
State Territory or Tribe: SD
State Other:
Latitude: 44.0801657442
Longitude: -103.266979429

PFAD Details

Federal Agency: Army
Property Type: National Guard
Org Reporting PFAS: DoD
PFAS Presence: Suspected
Notif to Agricultural Ops: -
Notif to Agricultural Ops 1: -
Notif to Agricultural 2: -
Notif to Agricultural 3: 12
PFBS Max Detected GW: 25
PFBS Detected GW (ppt): 0.0028 - 0.025
PFOA Max Detected GW: 1300
PFOA Detected GW (ppt): 4.5 - 1300
PFOS Max Detected GW: 880
PFOS Detected GW (ppt): 1.4 - 880
DOD Cleanup Status: PA/SI Completed - RI Underway
Estimated Pa Si End Date: -
Estimated Ri Fs End Date: 2029-09
EJ Screen Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-103.266979429,%22y%22:44.0801657442,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
Link: -
Note: -

[29](#)

1 of 1

WNW

0.48 /
2,523.423,339.81 /
10

GCC DACOTAH

RAPID CITY SD

PFAS IND

Status:	Active	Fac Fips Code:	46103
Fac Indian Cntry Flg:	No	Compliance Status:	Violation Identified
Fac Derived Huc:	10120110	EPA Programs:	CAA; CWA; RCRA
Fac Derived Wbd:	101201100202	Federal Facility:	No
Fac Derived Cd113:	01	Federal Agency:	-
Fac Derived Cb2010:	461030114003057	Fac Snc Flg:	No
Fac Informal Count:	3	AIR Flag:	Yes
Last Informal Action:	11/12/2024	NPDES Flag:	Yes
Formal Action Count:	1	SDWIS Flag:	No
Last Formal Action:	1/2/2020	RCRAFlag:	Yes
Fac Total Penalties:	23242	TRI Flag:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	
Fac Penalty Count:	1				GHG Flag:	Yes
Date Last Penalty:	1/2/2020				TRI IDs:	57702STHDK501NO
Last Penalty Amt:	23242				TRI Releases Trnsfrs:	25951
Fac Qtrs With Nc:	4				TRI on Site Releases:	25951
Programs With Snc:	0				TRI off Site Trnsfrs:	0
Fac Percent Minority:	22.489				TRI Reporter:	Yes
Fac Pop Den:	1182.54				Fac Imp Water Flg:	-
Count:	1				Fac Major Flag:	Yes
Fac County:	PENNINGTON				Fac Active Flag:	Yes
State Other :					Fac Inspection Count:	7
Region:	08				Date Last Inspection:	5/22/2024
Latitude:	44.0896				Days Last Inspection:	206
Longitude:	-103.271663					
Fac Derived Tribes:	Shakopee Mdewakanton Sioux Community of Minnesota - 25 mile(s)					
AIR IDs:	SD0000004610300011 SD0000004610300052					
CAA Permit Types:	Major Emissions					
CAA NAICS:	327310					
CAA SICs:	3241 1422					
NPDES IDs:	SD0000027					
CWA Permit Types:	Non-M					
CWA NAICS:	327310					
CWA SICs:	3241					
RCRA IDs:	SDD007265697					
RCRA Permit Types:	VSQG					
RCRA NAICS:	327310 212312					
SDWA IDs:	-					
SDWA System Types:	-					
SDWA Compliance Status:	-					
SDWA Snc Flag:	No					
Fac Collection Meth:	INTERPOLATION-SATELLITE					
EJSCREEN Flag Us:	No					
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-103.271663,%22y%22:44.0896,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110070834910					
Industry:	Cement Mfg					

30 **1 of 1** **NW** **0.55 / 2,915.58** **3,333.79 / 4** **DAKOTA CEMENT PENNINGTON COUNTY RAPID CITY SD 57702** **MRDS**

Dep ID: 10251058 **I1:** 22
Dev Status: PRODUCER **Latitude:** 44.093079
Code List: STN_C **Longitude:** -103.270203
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10251058

Commodity

I1: 15 **Line:** 1
Code: STN_C **Inserted By:** MAS migration
Commodity: Stone, Crushed/Broken **Insert Date:** 29-OCT-2002 09:00:24
Commodity Type: Non-metallic **Updated By:** USGS
Commodity Group: Stone, Crushed **Update Date:** 29-OCT-2002 09:02:15
Importance: Primary

Names

I1: 62 **Inserted By:** MAS migration
Status: Current **Insert Date:** 29-OCT-02
Site Name: Dakota Cement **Updated By:** USGS
Line: 2 **Update Date:** 29-OCT-02

Names

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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I1:	62				Inserted By:	MAS migration
Status:	Previous				Insert Date:	29-OCT-02
Site Name:	Dakota Quarry				Updated By:	USGS
Line:	1				Update Date:	29-OCT-02

31	1 of 5	SE	0.60 / 3,183.72	3,269.13 / -61	HAYDITE PIT PENNINGTON COUNTY RAPID CITY SD 57702	MRDS
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Dep ID:	10177475	I1:	31
Dev Status:	PRODUCER	Latitude:	44.079712
Code List:	CLY	Longitude:	-103.251892
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10177475		

Commodity

I1:	46	Line:	1
Code:	CLY	Inserted By:	MAS migration
Commodity:	Clay	Insert Date:	29-OCT-02
Commodity Type:	Non-metallic	Updated By:	USGS
Commodity Group:	Clays	Update Date:	29-OCT-02
Importance:	Primary		

Names

I1:	61	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Haydite Pit	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

31	2 of 5	SE	0.60 / 3,183.72	3,269.13 / -61	HOFFMAN PIT PENNINGTON COUNTY RAPID CITY SD 57702	MRDS
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Dep ID:	10251211	I1:	25
Dev Status:	PAST PRODUCER	Latitude:	44.079712
Code List:	SDG	Longitude:	-103.251892
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10251211		

Commodity

I1:	47	Line:	1
Code:	SDG	Inserted By:	MAS migration
Commodity:	Sand and Gravel, Cons	Insert Date:	29-OCT-02
Commodity Type:	Non-metallic	Updated By:	USGS
Commodity Group:	Sand and Gravel	Update Date:	29-OCT-02
Importance:	Primary		

Names

I1:	61	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Hoffman Pit	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

31	3 of 5	SE	0.60 / 3,183.72	3,269.13 / -61	LANGE SAND PIT PENNINGTON COUNTY RAPID CITY SD 57702	MRDS
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Dep ID:	10135509	I1:	31
Dev Status:	PRODUCER	Latitude:	44.079712
Code List:	SDG	Longitude:	-103.251892

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10135509

Commodity

I1:	14	Line:	1
Code:	SDG	Inserted By:	MAS migration
Commodity:	Sand and Gravel, Cons	Insert Date:	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	Updated By:	USGS
Commodity Group:	Sand and Gravel	Update Date:	29-OCT-2002 09:01:27
Importance:	Primary		

Names

I1:	37	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Lange Sand Pit	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

<u>31</u>	4 of 5	SE	0.60 / 3,183.72	3,269.13 / -61	PREENE PIT PENNINGTON COUNTY RAPID CITY SD 57702	MRDS
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Dep ID:	10257079	I1:	26
Dev Status:	PRODUCER	Latitude:	44.079712
Code List:	SDG	Longitude:	-103.251892
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10257079		

Commodity

I1:	29	Line:	1
Code:	SDG	Inserted By:	MAS migration
Commodity:	Sand and Gravel, Cons	Insert Date:	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	Updated By:	USGS
Commodity Group:	Sand and Gravel	Update Date:	29-OCT-2002 09:02:18
Importance:	Primary		

Names

I1:	61	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Preene Pit	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

<u>31</u>	5 of 5	SE	0.60 / 3,183.72	3,269.13 / -61	GYP PIT PENNINGTON COUNTY RAPID CITY SD 57702	MRDS
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Dep ID:	10299374	I1:	56
Dev Status:	PRODUCER	Latitude:	44.079712
Code List:	GYP	Longitude:	-103.251892
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10299374		

Commodity

I1:	47	Line:	1
Code:	GYP	Inserted By:	MAS migration
Commodity:	Gypsum-Anhydrite	Insert Date:	29-OCT-02
Commodity Type:	Non-metallic	Updated By:	USGS
Commodity Group:	Gypsum-Anhydrite	Update Date:	29-OCT-02
Importance:	Primary		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site
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Names

I1:	37	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Gyp Pit	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

32	1 of 1	NW	0.93 / 4,932.43	3,377.81 / 48	LIGHT AGGREGATES INC KILN PENNINGTON COUNTY RAPID CITY SD 57702	MRDS
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Dep ID:	10177510	I1:	11
Dev Status:	UNKNOWN	Latitude:	44.097473
Code List:	CLY	Longitude:	-103.274902
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10177510		

Commodity

I1:	46	Line:	1
Code:	CLY	Inserted By:	MAS migration
Commodity:	Clay	Insert Date:	29-OCT-02
Commodity Type:	Non-metallic	Updated By:	USGS
Commodity Group:	Clays	Update Date:	29-OCT-02
Importance:	Primary		

Names

I1:	37	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Light Aggregates Inc Kiln	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

33	1 of 1	NW	0.97 / 5,110.55	3,416.37 / 86	DAKOTA LIME & BRICK CO QUARRY PENNINGTON COUNTY RAPID CITY SD 57702	MRDS
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Dep ID:	10275305	I1:	25
Dev Status:	UNKNOWN	Latitude:	44.09729
Code List:	LST_D	Longitude:	-103.276184
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10275305		

Commodity

I1:	47	Line:	1
Code:	LST_D	Inserted By:	MAS migration
Commodity:	Limestone, Dimension	Insert Date:	29-OCT-02
Commodity Type:	Non-metallic	Updated By:	USGS
Commodity Group:	Stone, Dimension	Update Date:	29-OCT-02
Importance:	Primary		

Names

I1:	38	Inserted By:	MAS migration
Status:	Current	Insert Date:	29-OCT-02
Site Name:	Dakota Lime & Brick Co Quarry	Updated By:	USGS
Line:	1	Update Date:	29-OCT-02

Unplottable Summary

Total: 8 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
AFS	SIMON, JAMES E. COMPANY	NEAR DEADWOOD AVENUE	RAPID CITY SD	57701	898745755
FINDS/FRS	ANDERSON MILLWORK COMPANY	DEADWOOD AVENUE <i>Registry ID: 110031330307</i>	RAPID CITY SD	57701	815801798
FINDS/FRS	SIMON, JAMES E. COMPANY	NEAR DEADWOOD AVENUE <i>Registry ID: 110044797020</i>	RAPID CITY SD	57701	815807501
HMIRS		DEADWOOD AVENUE	RAPID CITY SD		818477099
HMIRS		DEADWOOD AVE	RAPID CITY SD		818156916
ICIS	SIMON, JAMES E. COMPANY	NEAR DEADWOOD AVENUE <i>Registry ID: 110044797020</i>	RAPID CITY SD	57701	828491014
RCRA NON GEN	ANDERSON MILLWORK COMPANY	DEADWOOD AVENUE <i>EPA Handler ID Recycler Activity?: SDD007272297 NO</i>	RAPID CITY SD	57701	810453749
UST	UNIVERSAL TRANSPORT INC	DEADWOOD AVE <i>Facility ID: 02-00250</i>	Rapid City SD	57702	820250088

Unplottable Report

Site: SIMON, JAMES E. COMPANY
NEAR DEADWOOD AVENUE RAPID CITY SD 57701

AFS

Afs ID:	4610300031	Fed Reportable:	No
Plant ID:	27931	Current Hpv:	
Epa Region:	08	Loc Contrl Region:	
Plant County:	Pennington	Afs Gov Fac Code:	0
State No:	46	Operating Status:	O
Primary Sic Code:	2951	Epa Class Code:	B
Secondary Sic Code:		Epa Complian Stat:	3
Naics Code:	324121	State Comp Status:	3
Afs Gov Facility Des:	PRIVATELY OWNED/OPERATED		
Operating Status Def:	Operating		
Epa Classification Des:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status:	In Compliance - Inspection		
State Compliance Status:	In Compliance - Inspection		

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	22	All Air Prog Codes:	0
Date Achieved:	19930927	Result Code:	03
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	3A
Anu1:	46	All Air Prog Codes:	0, V
Date Achieved:	20040625	Result Code:	PP
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	OWNER/OPERATOR-CONDUCTED SOURCE TEST		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	STACK TEST PASSED		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	16	All Air Prog Codes:	0
Date Achieved:	19900801	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19910927	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	50	All Air Prog Codes:	0, V
Date Achieved:	20050719	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	21	All Air Prog Codes:	0
Date Achieved:	19930720	Result Code:	03
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19930928	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	43	All Air Prog Codes:	0, V
Date Achieved:	20040621	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040628	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	20	All Air Prog Codes:	0
Date Achieved:	19920924	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	PM10
Record Updated Dt:	19920930	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def: IN COMPLIANCE
Pollutant Def: Particulate Matter < 10 Um
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	59	All Air Prog Codes:	V
Date Achieved:	20110215	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120118	Violating Poll Cds:	
Creation Date:	20120118	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	57	All Air Prog Codes:	V
Date Achieved:	20100929	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120112	Violating Poll Cds:	
Creation Date:	20111208	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	37	All Air Prog Codes:	0, V
Date Achieved:	20030827	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	26	All Air Prog Codes:	0
Date Achieved:	19960926	Result Code:	03
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	ER
Anu1:	39	All Air Prog Codes:	V
Date Achieved:	20030930	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040108	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	40	All Air Prog Codes:	0, V
Date Achieved:	20030226	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040623	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	27	All Air Prog Codes:	0
Date Achieved:	19980721	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	45	All Air Prog Codes:	0, V
Date Achieved:	20040625	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	7C
Anu1:	4	All Air Prog Codes:	0
Date Achieved:	19830623	Result Code:	01
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19910927	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE NOV ISSUED		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	49	All Air Prog Codes:	0, V
Date Achieved:	20050225	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	31	All Air Prog Codes:	0, V
Date Achieved:	20000713	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	2C
Anu1:	9	All Air Prog Codes:	0
Date Achieved:	19850325	Result Code:	01
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19910927	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: EPA PSD PERMIT ISSUED
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	33	All Air Prog Codes:	0, V
Date Achieved:	20010907	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	67	All Air Prog Codes:	V
Date Achieved:	20140905	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20141014	Violating Poll Cds:	
Creation Date:	20141014	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	64	All Air Prog Codes:	V
Date Achieved:	20121210	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20121210	Violating Poll Cds:	
Creation Date:	20121210	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	65	All Air Prog Codes:	V
Date Achieved:	20140121	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20140129	Violating Poll Cds:	
Creation Date:	20140129	Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	53	All Air Prog Codes:	0, V
Date Achieved:	20060913	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20061116	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	25	All Air Prog Codes:	0
Date Achieved:	19960716	Result Code:	03
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	52	All Air Prog Codes:	0, V
Date Achieved:	20060626	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20061107	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	32	All Air Prog Codes:	0, V
Date Achieved:	20001024	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	36	All Air Prog Codes:	0, V
Date Achieved:	20020227	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	55	All Air Prog Codes:	0, V
Date Achieved:	20080909	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20081124	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	34	All Air Prog Codes:	0, V
Date Achieved:	20020722	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	62	All Air Prog Codes:	V
Date Achieved:	20120925	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20121206	Violating Poll Cds:	
Creation Date:	20121206	Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE CONDUCTED FCE/ON-SITE
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	56	All Air Prog Codes:	0, V
Date Achieved:	20100929	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20101130	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	19	All Air Prog Codes:	0
Date Achieved:	19920731	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	PM10
Record Updated Dt:	19920918	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:	Particulate Matter < 10 Um		
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	44	All Air Prog Codes:	0, V
Date Achieved:	20040625	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	ER
Anu1:	47	All Air Prog Codes:	V
Date Achieved:	20040930	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20041110	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA
All Air Program Def: V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	58	All Air Prog Codes:	V
Date Achieved:	20110215	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120118	Violating Poll Cds:	
Creation Date:	20120118	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	54	All Air Prog Codes:	0, V
Date Achieved:	20070810	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20071026	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	29	All Air Prog Codes:	0, V
Date Achieved:	19990714	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	51	All Air Prog Codes:	0, V
Date Achieved:	20060210	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:	20061107	Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: TITLE V ANNUAL COMPL CERT DUE/RECD BY STATE/LOCAL
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	30	All Air Prog Codes:	0, V
Date Achieved:	19990917	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	FACIL
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	15	All Air Prog Codes:	0
Date Achieved:	19890906	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	19910927	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	24	All Air Prog Codes:	0
Date Achieved:	19940922	Result Code:	03
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def:
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	35	All Air Prog Codes:	0, V
Date Achieved:	20020227	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	60	All Air Prog Codes:	V
Date Achieved:	20120209	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20121016	Violating Poll Cds:	
Creation Date:	20121016	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	66	All Air Prog Codes:	V
Date Achieved:	20140121	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20140129	Violating Poll Cds:	
Creation Date:	20140129	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	FS
Anu1:	48	All Air Prog Codes:	0
Date Achieved:	20050902	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20050912	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE CONDUCTED FCE/ON-SITE		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	42	All Air Prog Codes:	0, V
Date Achieved:	20040305	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040624	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL
All Air Program Def: 0-SIP Source; V-Title V Permits
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	41	All Air Prog Codes:	0, V
Date Achieved:	20030430	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040623	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	0-SIP Source; V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	18	All Air Prog Codes:	0
Date Achieved:	19910930	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	PM10
Record Updated Dt:	19911009	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:	IN COMPLIANCE		
Pollutant Def:	Particulate Matter < 10 Um		
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	23	All Air Prog Codes:	0
Date Achieved:	19940811	Result Code:	03
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	STATE INSPECTION - LEVEL 2 OR GREATER		
All Air Program Def:	0-SIP Source		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	5C
Anu1:	28	All Air Prog Codes:	0
Date Achieved:	19980923	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20120113	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:
Regional Data Element:
National Action Desc: STATE INSPECTION - LEVEL 2 OR GREATER
All Air Program Def: 0-SIP Source
Result Def: IN COMPLIANCE
Pollutant Def:
All Violating Poll Def:
All Violation Type Def:

Actions

Plant ID:	27931	National Actn Type:	SR
Anu1:	61	All Air Prog Codes:	V
Date Achieved:	20120209	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20121016	Violating Poll Cds:	
Creation Date:	20121016	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	CB
Anu1:	63	All Air Prog Codes:	V
Date Achieved:	20121210	Result Code:	MC
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20121210	Violating Poll Cds:	
Creation Date:	20121210	Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL		
All Air Program Def:	V-Title V Permits		
Result Def:	IN COMPLIANCE		
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Actions

Plant ID:	27931	National Actn Type:	CC
Anu1:	38	All Air Prog Codes:	V
Date Achieved:	20030226	Result Code:	
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20040108	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	
Key Action No:			
Regional Data Element:			
National Action Desc:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA		
All Air Program Def:	V-Title V Permits		
Result Def:			
Pollutant Def:			
All Violating Poll Def:			
All Violation Type Def:			

Historical Compliance - Air Program Level

Air Program Code:	V
Air Program Code Ref:	Title V Permits
Historical Compliance Date:	0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401
Historical Compliance Status:	C
Historical Compliance Stat Ref:	In Compliance With Procedural Requirements

Historical Compliance - Air Program Level

Air Program Code: 0
Air Program Code Ref: SIP Source
Historical Compliance Date: 0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status: 3
Historical Compliance Stat Ref: In Compliance - Inspection

Historical Compliance - Air Program Level

Air Program Code: V
Air Program Code Ref: Title V Permits
Historical Compliance Date: 0604, 0701, 1402, 1403
Historical Compliance Status: 3
Historical Compliance Stat Ref: In Compliance - Inspection

Air Program

Plant ID:	27931	Poll Classificatn:	B
Air Program Code:	0	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	B
Pollutant Code:	SO2	Epa Compli Status:	3
Chemical Abstract Service Nbr:			
Air Program Code Subparts:			
Air Program Code Ref:	SIP Source		
Epa Classification Code Ref:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:			
Pollutant Classification Ref:	Potential uncontrolled emissions <100 tons/year		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Air Program

Plant ID:	27931	Poll Classificatn:	B
Air Program Code:	0	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	B
Pollutant Code:	NO2	Epa Compli Status:	3
Chemical Abstract Service Nbr:			
Air Program Code Subparts:			
Air Program Code Ref:	SIP Source		
Epa Classification Code Ref:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:			
Pollutant Classification Ref:	Potential uncontrolled emissions <100 tons/year		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Air Program

Plant ID:	27931	Poll Classificatn:	B
Air Program Code:	V	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	B
Pollutant Code:	PM10	Epa Compli Status:	3
Chemical Abstract Service Nbr:			
Air Program Code Subparts:			
Air Program Code Ref:	Title V Permits		
Epa Classification Code Ref:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:	Particulate Matter < 10 Um		
Pollutant Classification Ref:	Potential uncontrolled emissions <100 tons/year		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Air Program

Plant ID:	27931	Poll Classificatn:	B
Air Program Code:	V	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	B
Pollutant Code:	NO2	Epa Compli Status:	3
Chemical Abstract Service Nbr:			
Air Program Code Subparts:			
Air Program Code Ref:	Title V Permits		
Epa Classification Code Ref:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:			
Pollutant Classification Ref:	Potential uncontrolled emissions <100 tons/year		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Air Program

Plant ID:	27931	Poll Classificatn:	B
Air Program Code:	0	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	B
Pollutant Code:	PX	Epa Compli Status:	3
Chemical Abstract Service Nbr:			
Air Program Code Subparts:			
Air Program Code Ref:	SIP Source		
Epa Classification Code Ref:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:			
Pollutant Classification Ref:	Potential uncontrolled emissions <100 tons/year		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Air Program

Plant ID:	27931	Poll Classificatn:	B
Air Program Code:	0	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	B
Pollutant Code:	PT	Epa Compli Status:	3
Chemical Abstract Service Nbr:			
Air Program Code Subparts:			
Air Program Code Ref:	SIP Source		
Epa Classification Code Ref:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:			
Pollutant Classification Ref:	Potential uncontrolled emissions <100 tons/year		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Air Program

Plant ID:	27931	Poll Classificatn:	B
Air Program Code:	0	Poll Compli Status:	3
Air Program Status:	O	Epa Class Code:	B
Pollutant Code:	VE	Epa Compli Status:	3
Chemical Abstract Service Nbr:			
Air Program Code Subparts:			
Air Program Code Ref:	SIP Source		
Epa Classification Code Ref:	Potential uncontrolled emissions <100 tons/year		
Epa Compliance Status Ref:	In Compliance - Inspection		
Pollutant Code Ref:			
Pollutant Classification Ref:	Potential uncontrolled emissions <100 tons/year		
Pollutant Complian Status Ref:	In Compliance - Inspection		

Site: ANDERSON MILLWORK COMPANY
DEADWOOD AVENUE RAPID CITY SD 57701

FINDS/FRS

Registry ID: 110031330307

FIPS Code: 46103
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 22-OCT-07
Update Date: 27-JAN-12
Interest Types: UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 08
County Name: PENNINGTON
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110031330307
Data Source: Facility Registry Service - Single File
Program Acronyms:

Site: **SIMON, JAMES E. COMPANY**
NEAR DEADWOOD AVENUE RAPID CITY SD 57701

[FINDS/FRS](#)

Registry ID: 110044797020
FIPS Code: 46103
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 25-JAN-12
Update Date: 09-JAN-15
Interest Types: AIR MINOR
SIC Codes: 2951
SIC Code Descriptions: ASPHALT PAVING MIXTURES AND BLOCKS
NAICS Codes: 324121
NAICS Code Descriptions: ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 08
County Name: PENNINGTON
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110044797020
Data Source: Facility Registry Service - Single File

Program Acronyms:

Site:
DEADWOOD AVENUE RAPID CITY SD

HMIRS

Incident County: PENNINGTON

HMIR Historical Reports

Report No: I-1991030251
Report Type: A hazardous material incident
Date of Incident: 1991-02-19
Time of Incident: 0850
Haz Class Code:
Hazardous Class: 8
Commodity Short Nm: SODIUM HYDROXIDE, SOLUTI
Commodity Long Nm: SODIUM HYDROXIDE, SOLUTION
Trade Name: SODIUM HYDROXIDE
ID No: UN1824
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 53
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code:
Failure Cause Desc:
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 55
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfr: ACME STEEL DRUM CO INC
Cont1 Pkg Mnfr Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfr:
C1 Device Model:
NRC No:

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Unloading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Non-Bulk
Packing Group:
Carrier Reporter: ROADWAY EXPRESS INC
CR Street Name: 1077 GORGE BLVD
CR City: AKRON
CR State: OH
CR Postal Code: 44310
CR Non US State:
CR Fed DOT ID: 71821
CR Hazmat Reg ID:
CR Country: US
Shipper Name: CHEMTOL CHEM
Shipper Street Name: 8200 RIDGEFIELD ROAD
Shipper City: CRYSTAL LAKE
Shipper State: IL
Shipper Postal: 60014
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 354-245189-X
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: RAPID CITY
Destination State: SOUTH DAKOTA
Destination Postal: 57702
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0

RAM UOM Rptd:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No
RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	SUSAN CAMARA
Damage > 500:	Yes	Contact Title:	HAZMAT SPECIALIST
Material Loss:	300	Contact Business:	
Carrier Damage:	0	Contact Street:	
Property Damage:	0	Contact City:	
Response Cost:	0	Contact State:	
Remediation Cost:	50	Contact Postal:	
Damage Old Form:	500	Contact Non US St:	
Total Damages Amt:	850	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fatafs:	0	HMIS Major Artery:	No
Hazmat Injury:	No	HMIS Bulk Release:	No
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	DRUM METAL
Haz Hosp Old Form:	0	HMIS Container Code:	DRUM MTL
Total Haz Hosp Inj:	0	HMIS Container Desc:	Metal drum
Haz Non Hosp Empl:	0	HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0	Undeclared Shipment:	No
Description of Events:	UPON OPENING TRAILER DOOR, DOCK WORKER NOTICED LEAKAGE ON THE FLOOR AND FOUND ONE DRUM THAT HAD APPARENTLY BEEN STRUCK BY A FORKLIFT BLADE. DOCK WORKER TURNED THE DRUM ON ITS SIDE TO PREVENT FURTHER LEAKAGE AND SPREAD FLOOR DRY TO ABSORB THE MATERIAL. ALL CONTAMINATED MATERIAL WAS RECOUPED ALONG WITH THE DAMAGED DRUM.		

Recommend Actions Taken:

Site: **DEADWOOD AVE RAPID CITY SD** HMIRS

Incident County: PENNINGTON

HMIR Historical Reports

Report No:	I-1997091209	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	1997-09-03	Report Submit Src:	Paper
Time of Incident:	1130	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	6.1	Mode Transport:	Highway
Commodity Short Nm:	DICHLOROMETHANE	Transport Phase:	Unloading
Commodity Long Nm:	DICHLOROMETHANE	Incident Occrrnce:	
Trade Name:		Mat Ship Approval?:	No
ID No:	UN1593	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	ROADWAY EXPRESS INC
Qty Released:	1	CR Street Name:	1077 GORGE BLVD
Unit of Measure:	Liquid - Gallon	CR City:	AKRON

What Failed: 103
What Failed Desc: Basic Material
How Failed Code:
How Failed Desc:
Failure Cause Code: 511
Failure Cause Desc: Dropped
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 7.5
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: NOT REPORTED BY CARRIER
Cont1 Pkg Mnfc Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Svc Pres.: 0
C1 Svc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: Yes
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 50
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 50
Damage Old Form: 0
Total Damages Amt: 100
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0

CR State: OH
CR Postal Code: 44310
CR Non US State:
CR Fed DOT ID: 71821
CR Hazmat Reg ID:
CR Country: US
Shipper Name: FISHER SCIENTIFIC CO
Shipper Street Name: 4700 MOLINE ST
Shipper City: DENVER
Shipper State: CO
Shipper Postal:
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 890-240697
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: RAPID CITY
Destination State: SOUTH DAKOTA
Destination Postal:
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 1
Cont2 Capacity UOM: LGA
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 7
Cont2 Pkg No Failed: 1

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: SUSAN CAMARA
Contact Title: HAZMAT SPECIALIST
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No

Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: BOX FIBER
HMIS Container Code: BOX FBR
HMIS Container Desc: Fiberboard box or carton
HMIS Bulk Incident: No
Undeclared Shipment: No

WHILE UNLOADING A CARTON FELL OFF THE PALLET BREAKING ONE CONTAINER. THE AREA WAS ISOLATED AND PRODUCT IDENTIFIED. CHEMTREC WAS CONTACTED AND MSDS OBTAINED. ABSORBENT WAS USED TO CLEANUP SPILL. AFFECTED MATERIALS WERE PLACED IN A RECOVERY DRUM AND WILL BE HELD FOR DISPOSAL.

Recommend Actions Taken:

Site: SIMON, JAMES E. COMPANY
NEAR DEADWOOD AVENUE RAPID CITY SD 57701

ICIS

EPA Region: 08
Registry ID: 110044797020
Pgm Sys ID: SD0000004610300031
Pgm Sys Acnm: AIR
Permit Type:

Federal Fac ID:
Tribal Land Code:
County: Pennington
Latitude 83:
Longitude 83:

Site: ANDERSON MILLWORK COMPANY
DEADWOOD AVENUE RAPID CITY SD 57701

RCRA NON GEN

EPA Handler ID: SDD007272297
Gen Status Universe: No Report
Contact Name: LOREN PRANG
Contact Address: US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: PENNINGTON
EPA Region: 08
Land Type: Private
Receive Date: 19801001
Location Latitude:
Location Longitude:
Recycler Activity?: NO
Recycler Activity Note: This facility has no indication of Recycling Activity.

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No
Recycler Activity: No

Recycler Activity Without Storage: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801001
Handler Name: ANDERSON MILLWORK COMPANY
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	LOREN PRANG	Street 2:
Date Became Current:	19440101	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Site: UNIVERSAL TRANSPORT INC
DEADWOOD AVE Rapid City SD 57702

UST

Facility ID: 02-00250

DENR Underground Storage Tanks Database

Facility Name: UNIVERSAL TRANSPORT INC
Address: DEADWOOD AVE
City: Rapid City
Zip Code: 57702
Active: FALSE
System Type: UST
Owner Name: UNIVERSAL TRANSPORT INC

DENR Underground Storage Tanks Database Tank Info

Tank No: 2	Tank LD:
Compartment No: 1	Pipe Material: Galvanized Steel
Tank Status: Removed	Pipe Type:
Product: Motor Oil	Pipe LD:
Volume: 6000	Spill Prevention:
Year Installed: 1978	Overfill Protectn:
Tank Construction: Steel	Tnk Equip Citation:

Tank No: 1	Tank LD:
Compartment No: 1	Pipe Material: Galvanized Steel
Tank Status: Removed	Pipe Type:
Product: Used Oil	Pipe LD:
Volume: 6000	Spill Prevention:
Year Installed: 1978	Overfill Protectn:
Tank Construction: Steel	Tnk Equip Citation:

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

National Priority List - Proposed:

PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

Deleted NPL:

DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). 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. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

SEMS List 8R Active Site Inventory:

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

Government Publication Date: Oct 24, 2024

SEMS List 8R Archive Sites:SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Oct 24, 2024

Inventory of Open Dumps, June 1985:ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System -CERCLIS**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 21, 2024

RCRA non-CORRACTS TSD Facilities:

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Oct 21, 2024

RCRA Generator List:

RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Small Quantity Generators List:

RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 21, 2024

RCRA Very Small Quantity Generators List:

RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Oct 21, 2024

RCRA Non-Generators:

RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Sites with Controls:

RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Oct 21, 2024

Federal Engineering Controls-ECs:

FED ENG

List of Engineering controls (ECs) made available by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

Federal Institutional Controls- ICs:

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

Government Publication Date: Sep 25, 2024

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Oct 15, 2024

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jan 9, 2024

Historical Gas Stations:

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

Government Publication Date: Oct 31, 2024

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 6, 2024

Lien on Property:

SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Oct 24, 2024

Superfund Decision Documents:

SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Oct 24, 2024

Formerly Utilized Sites Remedial Action Program:

DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

Superfund Sites:

[SHWS](#)

A list of Superfund sites identified by the South Dakota Department of Agriculture and Natural Resources (DANR) Superfund Program. Includes sites on the National Priority List (NPL), as well as sites overseen by the U.S. Army Corps of Engineers and the U.S. Forest Service. A Superfund site is a property that has been contaminated by the release of hazardous waste and may pose a risk to the environment and human health.

Government Publication Date: Jun 28, 2023

Solid Waste Facilities/Landfill Sites:

[SWF/LF](#)

List of open and closed solid waste facilities made available by the South Dakota Department of Agriculture and Natural Resources (DANR) Waste Management Program. Supplemented by the DANR online mapping tool Solid Waste Facilities layer.

Government Publication Date: Nov 13, 2024

Leaking Underground Storage Tanks:

[LUST](#)

List of Leaking Underground Storage Tank (LUST) and LUST Trust sites from the South Dakota Department of Agriculture and Natural Resources (DANR)'s Environmental Events Database.

Government Publication Date: Oct 18, 2024

Leaking Aboveground Storage Tanks:

[LAST](#)

List of Leaking Aboveground Storage Tank (LAST) sites from the South Dakota Department of Agriculture and Natural Resources (DANR)'s Environmental Events Database.

Government Publication Date: Oct 18, 2024

Delisted Leaking Storage Tanks:

[DELISTED LST](#)

List Leaking Underground and Aboveground Storage tanks sites that were once included in - and have since been removed from - the lists of Leaking Underground and Aboveground Storage tanks sites made available by the South Dakota Department of Agriculture and Natural Resources (DANR).

Government Publication Date: Oct 18, 2024

Underground Storage Tanks:

[UST](#)

List of Underground Storage Tank (UST) locations made available by the South Dakota Department of Agriculture and Natural Resources (DANR).

Government Publication Date: Nov 11, 2024

Aboveground Storage Tank Data in South Dakota:

[AST](#)

List of Aboveground Storage Tank (AST) locations made available by the South Dakota Department of Agriculture and Natural Resources (DANR).

Government Publication Date: Nov 11, 2024

Delisted Storage Tanks:

[DTNK](#)

List Underground and Aboveground Storage tanks sites that were once included in - and have since been removed from - the lists of Underground and Aboveground Storage tanks sites made available by the South Dakota Department of Agriculture and Natural Resources (DANR).

Government Publication Date: Nov 11, 2024

Institutional Controls:

[INST](#)

List of sites in the South Dakota Department of Agriculture and Natural Resources (DANR)'s Environmental Events Database with Institutional Controls in place.

Government Publication Date: Oct 18, 2024

Brownfields:

[BROWNFIELDS](#)

List of sites in the South Dakota Department of Agriculture and Natural Resources (DANR)'s Environmental Events Database which have been identified as a South Dakota Brownfields sites, or assessed and/or cleaned with Brownfields funding.

Government Publication Date: Oct 18, 2024

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands:

[INDIAN LUST](#)

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 8, which includes South Dakota, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Underground Storage Tanks on Tribal/Indian Lands:

[INDIAN UST](#)

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 8, which includes South Dakota, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Delisted Tribal Leaking Storage Tanks:

[DELISTED INDIAN LST](#)

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Delisted Tribal Underground Storage Tanks:

[DELISTED INDIAN UST](#)

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data:

[PFAS GHG](#)

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO₂e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

Government Publication Date: Aug 5, 2024

On-Scene Coordinator Response Sites:

[OSC RESPONSE](#)

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: Apr 4, 2024

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Aug 1, 2024

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites:

PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Dec 17, 2024

Federal Agency Locations with Known or Suspected PFAS Detections:

PFAS FED SITES

This list of federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS) is made available by the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools data. The EPA outlines that these data are gathered from several federal entities, such as the federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration (NASA), Department of Transportation (DOT), and Department of Energy (DOE). The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2024. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Oct 24, 2024

SSEHRI PFAS Contamination Sites:

PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

Government Publication Date: Jun 27, 2024

National Response Center PFAS Spills:

PFAS ERNS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Dec 9, 2024

PFAS NPDES Discharge Monitoring:

PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Dec 16, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFAS Water Quality Portal Sampling Data:

PFAS WATER

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

Government Publication Date: Jul 22, 2024

PFAS TSCA Manufacture and Import Facilities:

PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest :

PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Dec 15, 2024

PFAS Industry Sectors:

PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Dec 16, 2024

Hazardous Materials Information Reporting System:

HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 29, 2024

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data 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.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act:

TSCA

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Nov 20, 2024

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRd no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) 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 and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Apr 13, 2024

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2024

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2024

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites:

FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites:

SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: May 20, 2024

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 29, 2024

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

Power Plants:

POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

Government Publication Date: Apr 15, 2024

State

Spills:

SPILLS

Spill events reported to the South Dakota Department of Agriculture and Natural Resources (DANR) and recorded in the Environmental Events Database.

Government Publication Date: Oct 18, 2024

Per- and Polyfluoroalkyl Substances (PFAS):

PFAS

List of reported Spill incidents where one or more of the materials involved in the incident are in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA). The Spill Reports data are made available by the South Dakota Department of Agriculture and Natural Resources (DANR).

Government Publication Date: Oct 18, 2024

Clandestine Drug Labs:

CDL

List of Clandestine Drug Lab sites from the South Dakota Department of Agriculture and Natural Resources (DANR)'s Environmental Events Database.

Government Publication Date: Oct 18, 2024

Dry Cleaning Facilities:

[DRYCLEANERS](#)

List of Dry Cleaner facilities in the South Dakota Department of Agriculture & Natural Resources (DANR) Regulated Facilities list identified as Dry Cleaners. Facilities are monitored by the DANR Air Quality Program.

Government Publication Date: Nov 14, 2024

Delisted Drycleaners:

[DELISTED DRYCLEANERS](#)

List of sites which once appeared on - and have since been removed from - the list of drycleaner facilities made available by the Department of Agriculture and Natural Resources (DANR)'s Air Quality Program.

Government Publication Date: Nov 14, 2024

Tier 2 Report:

[TIER 2](#)

A list of Tier 2 facilities in South Dakota that store hazardous chemicals and are required to report them under the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986. This list is made available by the South Dakota Department of Agriculture and Natural Resources (DANR).

Government Publication Date: May 13, 2024

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Form with sections A through J, including fields for FDID, State, Incident Date, Station, Incident Number, Exposure, Location, Incident Type, Date & Times, Shift & Alarms, Aid Given or Received, Actions Taken, Resources, Estimated Dollar Losses & Values, Completed Modules, Casualties, Hazardous Materials Release, Mixed Use Property, Property Use, and Structures.

REVIEWED
By Robert Prann at 3:14 pm, Apr 11, 2025

K1 Person/Entity Involved													
Local Option		Business name (if applicable)			Area Code		-				-		
		Mr.,Ms., Mrs. First Name			MI		Last Name				Suffix		
		Number			Prefix		Street or Highway				Street Type		
		Post Office Box			Apt./Suite/Room		City						
		State			Zip Code								
☐ More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary													
K2 Owner													
							-				-		
Local Option		Business name (if Applicable)			Area Code		Phone Number						
		Mr.,Ms., Mrs. First Name			MI		Last Name				Suffix		
		Number			Prefix		Street or Highway				Street Type		
		Post Office Box			Apt./Suite/Room		City						
		State			Zip Code								
L Remarks													
Local Option													
07/12/15 19:57:03 - RP WILL BE IN A COMPANY TRUCK AT THE GATE TO LET UNIT IN,													
07/12/15 20:00:47 - Q3 - SMOKE SHOWING FROM ALPHA SIDE OF THE STRUGTURE													
07/12/15 20:07:48 - BC1 - SMALL FIRE ON ROOFING MATERIAL WORKING ON GETTING A LINE UP THERE													
- LOOKS LIKE THEY WERE CUTTING													
07/12/15 20:08:52 - BC1 - GROUP D PAGE SENT VIA INFORAD - FIRE INVESTIGATOR REQUESTED													
07/12/15 20:13:22 - E5 - ENTR SAME AS DISPATCH													
07/12/15 20:18:07 - BC1 - FIRE PREVENTION ENTR													
07/12/15 20:19:15 - BC1 - WATER ON THE FIRE IT IS IN THE WALLS- WE WILL BE RELEASING E7													
SHORTLY													
07/12/15 20:19:47 - TK1 - ARRIVIAL SAME AS BC1													
07/12/15 20:19:54 - E1 - ARRIVIAL SAME AS BC1 1													
07/12/15 20:28:33 - BC1 - FIRE INVESTIGATOR IS HERE													
07/12/15 20:37:26 - BC1 - ALL CREWS AND EMPLOYEES ARE ACCOUNTED FOR SO WE HAVE AN ALL CLEAR-													
CREWS TAKING ROOF AND WALLS APART TO ACCESS ANY EXTENSION													
07/12/15 21:10:10 - E1 - STAFFED AND AVAILAVLE													
07/12/15 21:33:12 - BC1 - SALVAGE COMPLETE - STARTING CLEAN UP													
07/12/15 22:19:46 - BC1 - MANAGER HAS THE SCENE													
L Authorization													
		Officer in charge ID		Signature		Position or rank		Assignment		Month		Day	
		100762		Carlson, Nicholas J		CP		BC1		07		13	
										Year		2015	
☐ Check Box if same as Officer in charge. Member making report ID													
		Member making report ID		Signature		Position or rank		Assignment		Month		Day	
		100992		Mertes, Monte P		LT-P		Q3		07		12	
										Year		2015	

Narrative:

07/12/15 19:57:03 - RP WILL BE IN A COMPANY TRUCK AT THE GATE TO LET UNIT IN,
07/12/15 20:00:47 - Q3 - SMOKE SHOWING FROM ALPHA SIDE OF THE STRUGTURE
07/12/15 20:07:48 - BC1 - SMALL FIRE ON ROOFING MATERIAL WORKING ON GETTING A LINE UP THERE -
LOOKS LIKE THEY WERE CUTTING
07/12/15 20:08:52 - BC1 - GROUP D PAGE SENT VIA INFORAD - FIRE INVESTIGATOR REQUESTED
07/12/15 20:13:22 - E5 - ENTR SAME AS DISPATCH
07/12/15 20:18:07 - BC1 - FIRE PREVENTION ENTR
07/12/15 20:19:15 - BC1 - WATER ON THE FIRE IT IS IN THE WALLS- WE WILL BE RELEASING E7
SHORTLY
07/12/15 20:19:47 - TK1 - ARRIVIAL SAME AS BC1
07/12/15 20:19:54 - E1 - ARRIVIAL SAME AS BC1 1
07/12/15 20:28:33 - BC1 - FIRE INVESTIGATOR IS HERE
07/12/15 20:37:26 - BC1 - ALL CREWS AND EMPLOYEES ARE ACCOUNTED FOR SO WE HAVE AN ALL CLEAR-
CREWS TAKING ROOF AND WALLS APART TO ACCESS ANY EXTENSION
07/12/15 21:10:10 - E1 - STAFFED AND AVAILAVLE
07/12/15 21:33:12 - BC1 - SALVAGE COMPLETE - STARTING CLEAN UP
07/12/15 22:19:46 - BC1 - MANAGER HAS THE SCENE

I1 Structure Type * If Fire was In enclosed building or a portable/mobile structure complete the rest of this form 1 ☒ Enclosed Building 2 ☐ Portable/mobile structure 3 ☐ Open structure 4 ☐ Air supported structure 5 ☐ Tent 6 ☐ Open platform (e.g. piers) 7 ☐ Underground structure (work areas) 8 ☐ Connective structure (e.g. fences) 0 ☐ Other type of structure	I2 Building Status * 1 ☐ Under construction 2 ☐ Occupied & operating 3 ☐ Idle, not routinely used 4 ☐ Under major renovation 5 ☐ Vacant and secured 6 ☐ Vacant and unsecured 7 ☒ Being demolished 0 ☐ Other U ☐ Undetermined	I3 Building * Height Count the ROOF as part of the highest story 003 Total number of stories at or above grade Total number of stories below grade	I4 Main Floor Size* NFIRS-3 Structure Fire Exhibit MLE-4 Page 286 of 500 , 060 , 000 Total square feet OR , Lenght in feet BY , Width in feet
J1 Fire Origin * 003 ☐ Below Grade Story of fire origin	J3 Number of Stories Damaged By Flame Count the ROOF as part of the highest story Number of stories w/ minor damage (1 to 24% flame damage) Number of stories w/ significant damage (25 to 49% flame damage) Number of stories w/ heavy damage (50 to 74% flame damage) Number of stories w/ extreme damage (75 to 100% flame damage)	K Material Contributing Most To Flame Spread ☐ Check if no flame spread OR same as material first ignited OR unable to determine Skip To Section L K1 Item contributing most to flame spread K2 Type of material contributing most of flame spread Required only if item contributing code is 00 or <70	
J2 Fire Spread * 1 ☐ Confined to object of origin 2 ☒ Confined to room of origin 3 ☐ Confined to floor of origin 4 ☐ Confined to building of origin 5 ☐ Beyond building of origin	L1 Presence of Detectors * (In area of the fire) N ☐ None Present Skip to section M 1 ☐ Present U ☒ Undetermined L3 Detector Power Supply 1 ☐ Battery only 2 ☐ Hardwire only 3 ☐ Plug in 4 ☐ Hardwire with battery 5 ☐ Plug in with battery 6 ☐ Mechanical 7 ☐ Multiple detectors & power supplies 0 ☐ Other _____ U ☐ Undetermined L5 Detector Effectiveness Required if detector operated 1 ☐ Alerted Occupants, occupants responded 2 ☐ Occupants failed to respond 3 ☐ There were no occupants 4 ☐ Failed to alert occupants U ☐ Undetermined		
L2 Detector Type 1 ☐ Smoke 2 ☐ Heat 3 ☐ Combination smoke - heat 4 ☐ Sprinkler, water flow detection 5 ☐ More than 1 type present 0 ☐ Other _____ U ☐ Undetermined	L4 Detector Operation 1 ☐ Fire too small to activate 2 ☐ Operated (Complete Section L5) 3 ☐ Failed to Operate (Complete Section L6) U ☐ Undetermined L6 Detector Failure Reason Required if detector failed to operate 1 ☐ Power failure, shutoff or disconnect 2 ☐ Improper installation or placement 3 ☐ Defective 4 ☐ Lack of maintenance, includes cleaning 5 ☐ Battery missing or disconnected 6 ☐ Battery discharged or dead 0 ☐ Other _____ U ☐ Undetermined		
M1 Presence of Automatic Extinguishment System * N ☒ None Present 1 ☐ Present Complete rest of Section M	M3 Automatic Extinguishment System Operation Required if fire was within designed range 1 ☐ Operated & effective (Go to M4) 2 ☐ Operated & not effective (M4) 3 ☐ Fire too small to activate 4 ☐ Failed to operate (Go to M5) 0 ☐ Other U ☐ Undetermined	M5 Automatic Extinguishment System Failure Reason Required if system failed 1 ☐ System shut off 2 ☐ Not enough agent discharged 3 ☐ Agent discharged but did not reach fire 4 ☐ Wrong type of system 5 ☐ Fire not in area protected 6 ☐ System components damaged 7 ☐ Lack of maintenance 8 ☐ Manual Intervention 0 ☐ Other _____ U ☐ Undetermined NFIRS-3 Revision 01/19/99	
M2 Type of Automatic Extinguishment System * Required if fire was within designed range of AES 1 ☐ Wet pipe sprinkler 2 ☐ Dry pipe sprinkler 3 ☐ Other sprinkler system 4 ☐ Dry chemical system 5 ☐ Foam system 6 ☐ Halogen type system 7 ☐ Carbon dioxide (CO ₂) system 0 ☐ Other special hazard system U ☐ Undetermined	M4 Number of Sprinkler Heads Operating Required if system operated Number of sprinkler heads operating		

NFIRS - 9	
Delete ☐ Exhibit MEL-4	
Change ☐ Page 287 of 500	
Apparatus or Resources	
FDID * 02101 State * SD Incident Date * 7/12/2015 Station 3 Incident Number * 15-0008700 Exposure * 000	
B Apparatus or * Resource	
Date and Times	
Check if same as alarm date	
Month Day Year Hour Min	
Sent ☒	
Number of * People	
Use	
Check ONE box for each apparatus to indicate its main use at the incident.	
Actions Taken	
1 ID BC1	
Arrival ☒ 7/12/2015 19:56	
Clear ☒ 7/12/2015 22:19	
Type 92	
2 ID E1	
Arrival ☒ 7/12/2015 20:19	
Clear ☒ 7/12/2015 22:10	
Type 11	
3 ID E5	
Arrival ☒ 7/12/2015 20:13	
Clear ☒ 7/12/2015 20:25	
Type 11	
4 ID E6	
Arrival ☒ 7/12/2015 20:09	
Clear ☒ 7/12/2015 22:19	
Type 11	
5 ID E7	
Arrival ☒ 7/12/2015 20:19	
Clear ☒ 7/12/2015 20:20	
Type 11	
6 ID MED3	
Arrival ☒ 7/12/2015 20:00	
Clear ☒ 7/12/2015 22:19	
Type 76	
7 ID Q3	
Arrival ☒ 7/12/2015 20:00	
Clear ☒ 7/12/2015 22:12	
Type 13	
8 ID TK1	
Arrival ☒ 7/12/2015 20:19	
Clear ☒ 7/12/2015 22:00	
Type 12	
9 ID	
Arrival	
Clear	
Type	
Type of Apparatus or Resources	
Ground Fire Suppression	
11 Engine	
12 Truck or aerial	
13 Quint	
14 Tanker & pumper combination	
16 Brush truck	
17 ARF (Aircraft Rescue and Firefighting)	
10 Ground fire suppression, other	
Heavy Ground Equipment	
21 Dozer or plow	
22 Tractor	
24 Tanker or tender	
20 Heavy equipment, other	
Aircraft	
41 Aircraft: fixed wing tanker	
42 Helitanker	
43 Helicopter	
40 Aircraft, other	
Marine Equipment	
51 Fire boat with pump	
52 Boat, no pump	
50 Marine apparatus, other	
Support Equipment	
61 Breathing apparatus support	
62 Light and air unit	
60 Support apparatus, other	
Medical & Rescue	
71 Rescue unit	
72 Urban Search & rescue unit	
73 High angle rescue unit	
75 BLS unit	
76 ALS unit	
70 Medical and rescue unit, other	
More Apparatus? Use Additional Sheets	
Other	
91 Mobile command post	
92 Chief officer car	
93 HazMat unit	
94 Type 1 hand crew	
95 Type 2 hand crew	
99 Privately owned vehicle	
00 Other apparatus/resource	
NN None	
UU Undetermined	
NFIRS-9 Revision 11/17/98	

A FDID * 02101 State * SD Incident Date * 7/12/2015 Station 3 Incident Number * 15-0008700 Exposure * 000 NFIRS - 10 Personnel NFIRS - 10 Personnel Exhibit M11-4 Page 288 of 500															
B Apparatus or Resource * Use codes listed below		Date and Times Check if same as alarm date Month Day Year Hours/mins				Sent ☒		Number of * People		Use Check ONE box for each apparatus to indicate its main use at the incident. ☒ Suppression ☐ EMS ☐ Other		Actions Taken List up to 4 actions for each apparatus and each personnel.			
1 ID BC1 Type 92		Dispatch ☒ 7/12/2015 19:56 Arrival ☒ 7/12/2015 20:01 Clear ☒ 7/12/2015 22:19				Sent ☒		1		☒ Suppression ☐ EMS ☐ Other					
Personnel ID		Name		Rank or Grade		Attend ☒		Action Taken		Action Taken		Action Taken		Action Taken	
100762		Carlson, Nicholas		CP		X									
2 ID E1 Type 11		Dispatch ☒ 7/12/2015 19:56 Arrival ☒ 7/12/2015 20:19 Clear ☒ 7/12/2015 22:10				Sent ☒		3		☒ Suppression ☐ EMS ☐ Other					
Personnel ID		Name		Rank or Grade		Attend ☒		Action Taken		Action Taken		Action Taken		Action Taken	
102830 106161 108525		Cronin, Mikel Goodart, Neill Carlson Jr., Mitchel		FFMJ FFPMJ FMI-P		X X X									
3 ID E5 Type 11		Dispatch ☒ 7/12/2015 20:13 Arrival ☒ 7/12/2015 20:13 Clear ☒ 7/12/2015 20:25				Sent ☒		3		☒ Suppression ☐ EMS ☐ Other					
Personnel ID		Name		Rank or Grade		Attend ☒		Action Taken		Action Taken		Action Taken		Action Taken	
103770 105342 107709		Powell, Tyler Ornelas, Mathew Ciocarlan, Christopher		FFMJ FFMJ FFPMJ		X X X									

A FDID * 02101 State * SD Incident Date * 7 12 2015 Station 3 Incident Number * 15-0008700 Exposure * 000 NFIRS - 10 Exhibit M11-4 Personnel		Page 289 of 500							
B Apparatus or Resource * Use codes listed below		Date and Times Check if same as alarm date Month Day Year Hours/mins			Sent ☒	Number of * People	Use Check ONE box for each apparatus to indicate its main use at the incident. ☒ Suppression ☐ EMS ☐ Other		Actions Taken List up to 4 actions for each apparatus and each personnel.
1 ID E6 Type 11		Dispatch ☒ 7 12 2015 19:56 Arrival ☒ 7 12 2015 20:09 Clear ☒ 7 12 2015 22:19			Sent ☒ 3	☒ Suppression ☐ EMS ☐ Other			
Personnel ID	Name		Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken	
108133	Stadel, Tamara		FFMJ	X					
108134	White, Oliver		LT	X					
21816	Deitschman, Nathan		LT-P	X					
2 ID E7 Type 11		Dispatch ☒ 7 12 2015 20:04 Arrival ☒ 7 12 2015 20:19 Clear ☒ 7 12 2015 20:20			Sent ☒ 3	☒ Suppression ☐ EMS ☐ Other			
Personnel ID	Name		Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken	
100348	Mitchell, William		FFPMJ	X					
106163	Maningas, Calen		FFMJ	X					
108526	Emrich, Matthew		FMII-P	X					
3 ID MED3 Type 76		Dispatch ☒ 7 12 2015 19:56 Arrival ☒ 7 12 2015 20:00 Clear ☒ 7 12 2015 22:19			Sent ☒ 2	☐ Suppression ☒ EMS ☐ Other			
Personnel ID	Name		Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken	
103935	Trojanowski, Keith		FFPMJ	X					
105340	Harlan, John		FFMJ	X					

Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
BC1 Battalion 1	19:56:19	19:57:56	20:01:32	22:19:50

Staff ID\Staff Name	Activity	Rank	Position	Role
100762 Carlson, Nicholas J	Duty Day	Captain		

Unit Narrative

Bat 1 was dispatched emergent per 911 to BH Power for structure fire. Upon arrival there was light smoke showing from the room of a 3 story section of a non combustable building behind the main office buildings. Q3 was on scene and headed around the b/c side. After 3 sides we found easy access from between the buildings w access from west side. I had the truck ladder the building on South side.

I established command and made Q3 fire attack. They informed me the fire was on the rook of the second/ third floor, smoldering n the boards under the rubber roofing. Sent Tk1, E6 and E1 up to assist Fire Attack, they established safety, Medic 3 established water supply by connecting 2.5 inch hose to fire pump manifold, the hydrant in back lot was dry, no water.

Facility manager arrived and I had him check for all his employees on site and insure they were accounted for, he did and we had an all clear.

The building on fire was under demolition, no power, no water no gas to the building. We had permission to cut as needed. Fire attack reported fire contained tot he roof structure and needed to remove pannels to get to the burned section. Once completed we had overhaul completed, Clean up was done and all units cleared and Command was terminated w/ building turned over to Facility managment.

Capt Carlson

E1 Engine 1	19:56:19	19:58:10	20:19:34	22:10:21
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Staff ID\Staff Name	Activity	Rank	Position	Role
102830 Cronin, Mikel H	Duty Day	Firefighter		
106161 Goodart, Neill James	Duty Day	Firefighter		
108525 Carlson Jr., Mitchel Allan	Duty Day	Firefighter		

E5 Engine 5	20:13:00	20:13:00	20:13:07	20:25:17
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Staff ID\Staff Name	Activity	Rank	Position	Role
103770 Powell, Tyler R	Duty Day	Firefighter		
105342 Ornelas, Mathew J	Duty Day	Firefighter		
107709 Ciocarlan, Christopher J	Duty Day	Firefighter		

E6 Engine 6	19:56:19	19:58:13	20:09:25	22:19:58
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Staff ID\Staff Name	Activity	Rank	Position	Role
108133 Stadel, Tamara S	Duty Day	Firefighter		
108134 White, Oliver William	Duty Day	Lieutenant		
21816 Deitschman, Nathan W	Duty Day	Lieutenant		

Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
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E6 Engine 6 19:56:19 19:58:13 20:09:25 22:19:58

Staff ID\Staff Name	Activity	Rank	Position	Role
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E7 Engine 7 20:04:53 20:13:15 20:19:16 20:20:42

Staff ID\Staff Name	Activity	Rank	Position	Role
100348 Mitchell, William A	Duty Day	Firefighter		
106163 Maningas, Calen C	Duty Day	Firefighter		
108526 Emrich, Matthew D.	Duty Day	Firefighter		

MED3 Medic 3 19:56:19 19:58:40 20:00:26 22:19:52

Staff ID\Staff Name	Activity	Rank	Position	Role
103935 Trojanowski, Keith	Duty Day	Firefighter		
105340 Harlan, John Hunter	Duty Day	Firefighter		

Q3 Quint 3 19:56:19 19:58:07 20:00:30 22:12:33

Staff ID\Staff Name	Activity	Rank	Position	Role
100992 Mertes, Monte P	Duty Day	Lieutenant		
109164 Shattuck, Eric Christopher	Duty Day	Firefighter		
71401 Chau, Lon	Duty Day	Firefighter		

Unit Narrative

Units responded to 409 Deadwood Ave for a structure fire. On arrival, Q3 crew found moderate smoke coming from the roof of the alfa side of the structure. Q3 met with the reporting party who allowed access through a gate and led Q3 to the delta side of the building for better access to the fire. The RP stated the building was vacant, that it was in the early stages of demolition, and that crews had been performing hot work with a cutting torch in that area. Q3 crew found a large oxy/acetylene set up on the ground outside the building with hoses up to the roof. The tanks were confirmed off. Q3 crew gained access through an open shop area with a stairway directly to the third level and found a small fire at the base of an exterior wall on the exterior side, in the membrane roof material. Q3 also found a partial trench cut in the roof, apparently part of the demolition. All crews were warned of this hazard.

Q3 crew laid 2.5 inch hose up to the third level, connected the high rise pack and attacked the fire which was quickly knocked down. Q3 FADO and M3 crew attempted to connect to a yard hydrant but found that it was out of service. They then connected to the building fire pump from the test header and supplied Q3 with water. The roofing material continued to smolder and extension was noted up into the exterior wall. The membrane roof consisted of pea gravel, the rubber membrane, 2 layers of half inch fiber board and 1.5 inch styrofoam. The roof decking was corrugated metal supported by 10 inch metal web trusses spaced at 4 feet. The span of the trusses was approximately 8 feet. The condition of the trusses appeared good from the bottom side. The exterior wall consisted of corrugated metal, interior and exterior with 1.5 inch insulation. T1, E1, and E6 crews were assigned to Q3 as fire attack. T1 crew removed the exterior wall covering of alpha and delta sides until no more extension was found. E6, E1 and Q3 crews removed the roofing material and extinguished fire until no more extension was found.

Q3 crew found that the oxy/acetylene hose was in the area of the fire and was burned completely through. Q3 found no other possible source for ingition. A fire investigator had arrived on scene.

All equipment was removed and rehabilitated. Q3 replaced all hose at station 1.

LT Mertes

TK1 Truck 1	19:56:19	19:58:30	20:19:38	22:00:27
Staff ID\Staff Name	Activity	Rank	Position	Role
102511 Johnson, Paul NG	Duty Day	Lieutenant		
103933 King, Tyler J	Duty Day	Firefighter		
109155 Boyce, Matthew John	Duty Day	Firefighter		

Unit Narrative

Truck 1 responded to the BHP building arrived to find that it was in the old part of the stucture that was being tore down. Truck 1 assignment before arriveal was to lader the south side of the structe and see what we have. Arrived and could see light smoke coming from the alfa/delta corner of multiple story and roofed building. Laddered the bravo side made access to the roof and met Q3 small fire along the roof line against the exterior wall . Truck 1 pulled the wall down and checked for exstention. When finished truck 1 was cleared. Lt Johnson

MM DD YYYY		FDID *		State *		Incident Date *		Station		Incident Number *		Exposure *		Responding Personnel	
02101		SD		7		12		2015		3		15-0008700		000	
Exhibit M-1														Page 294 of 500	
Staff ID\	Staff Name	Unit	Activity	Position	Rank	PayScl	Hrs	HrsPd	Pts						
100762	Carlson, Nicholas	BC1	DD Duty Day		CP		24.0	2.39	0.00						
102830	Cronin, Mikel H	E1	DD Duty Day		FFMJ		24.0	2.23	0.00						
106161	Goodart, Neill	E1	DD Duty Day		FFPMJ		24.0	2.23	0.00						
108525	Carlson Jr.,	E1	DD Duty Day		FMI-P		24.0	2.23	0.00						
103770	Powell, Tyler R	E5	DD Duty Day		FFMJ		24.0	0.20	0.00						
105342	Ornelas, Mathew J	E5	DD Duty Day		FFMJ		24.0	0.20	0.00						
107709	Ciocarlan,	E5	DD Duty Day		FFPMJ		24.0	0.20	0.00						
108133	Stadel, Tamara S	E6	DD Duty Day		FFMJ		24.0	2.39	0.00						
108134	White, Oliver	E6	DD Duty Day		LT		24.0	2.39	0.00						
21816	Deitschman, Nathan	E6	DD Duty Day		LT-P		24.0	2.39	0.00						
100348	Mitchell, William	E7	DD Duty Day		FFPMJ		24.0	0.26	0.00						
106163	Maningas, Calen C	E7	DD Duty Day		FFMJ		24.0	0.26	0.00						
108526	Emrich, Matthew D.	E7	DD Duty Day		FMII-P		24.0	0.26	0.00						
103935	Trojanowski, Keith	MED3	DD Duty Day		FFPMJ		24.0	2.39	0.00						
105340	Harlan, John	MED3	DD Duty Day		FFMJ		24.0	2.39	0.00						
100992	Mertes, Monte P	Q3	DD Duty Day		LT-P		24.0	2.27	0.00						
109164	Shattuck, Eric	Q3	DD Duty Day		FMR		24.0	2.27	0.00						
71401	Chau, Lon	Q3	DD Duty Day		FFMJ		24.0	2.27	0.00						
102511	Johnson, Paul NG	TK1	DD Duty Day		LT		24.0	2.07	0.00						
103933	King, Tyler J	TK1	DD Duty Day		FFMJ		24.0	2.07	0.00						
109155	Boyce, Matthew	TK1	DD Duty Day		FMR		24.0	2.07	0.00						
Total Participants: 21							Total Personnel Hours: 504.00								

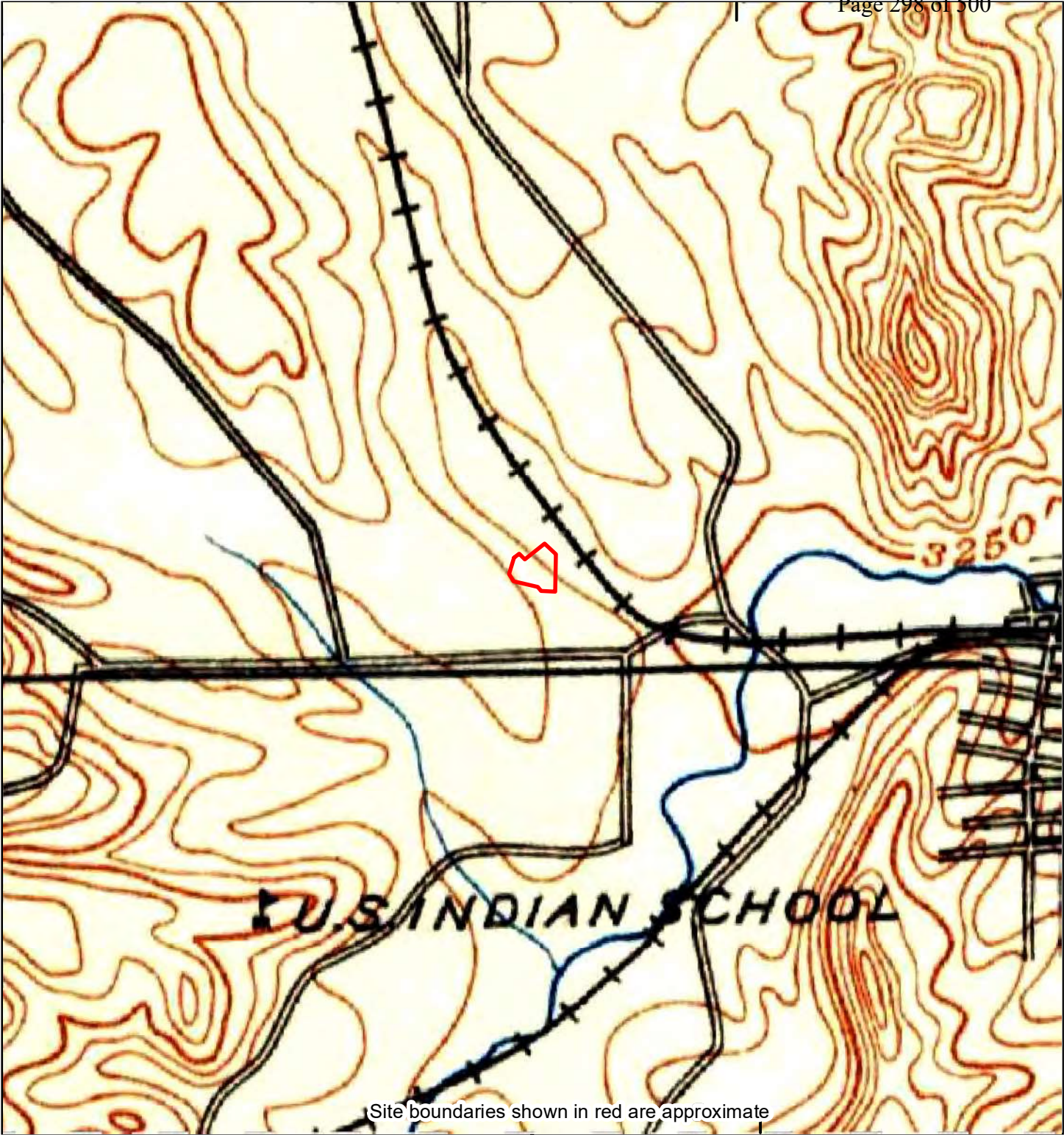
An 'X' next to the unit denotes driver.

02101		SD	MM 7	DD 12	YYYY 2015	3	15-0008700	000	NFIRS - Involvement Exhibit File # NFIRS - Involvement Exhibit File #		
FDID		State	Incident Date			Station	Incident Number	Exposure	Page 295 of 500		
Involvement					Involvement						
Name:					Type:					Owner: Occupant:	
Hagemann, Chuck					Manager						



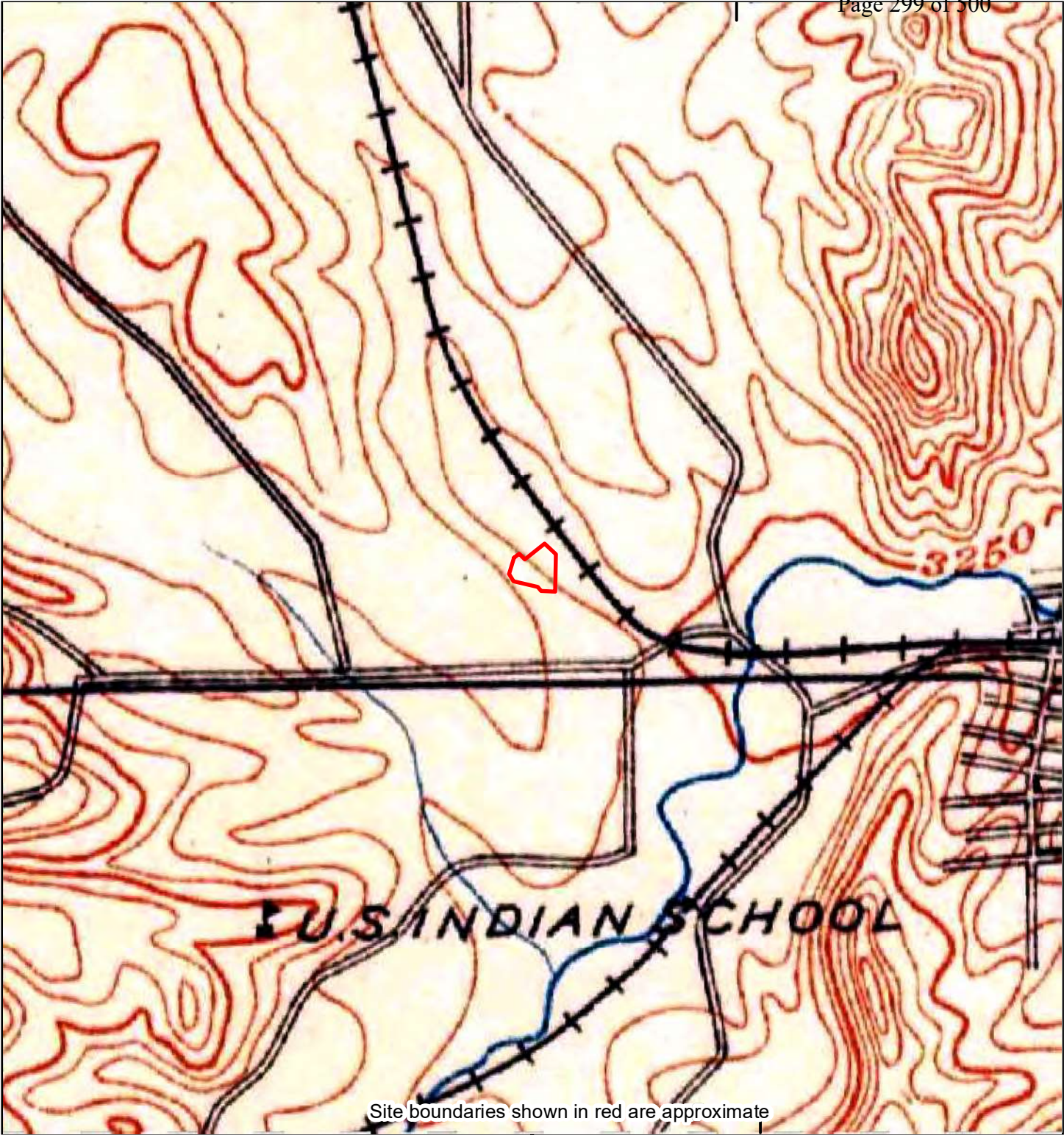
Appendix D

Historical Research Documentation



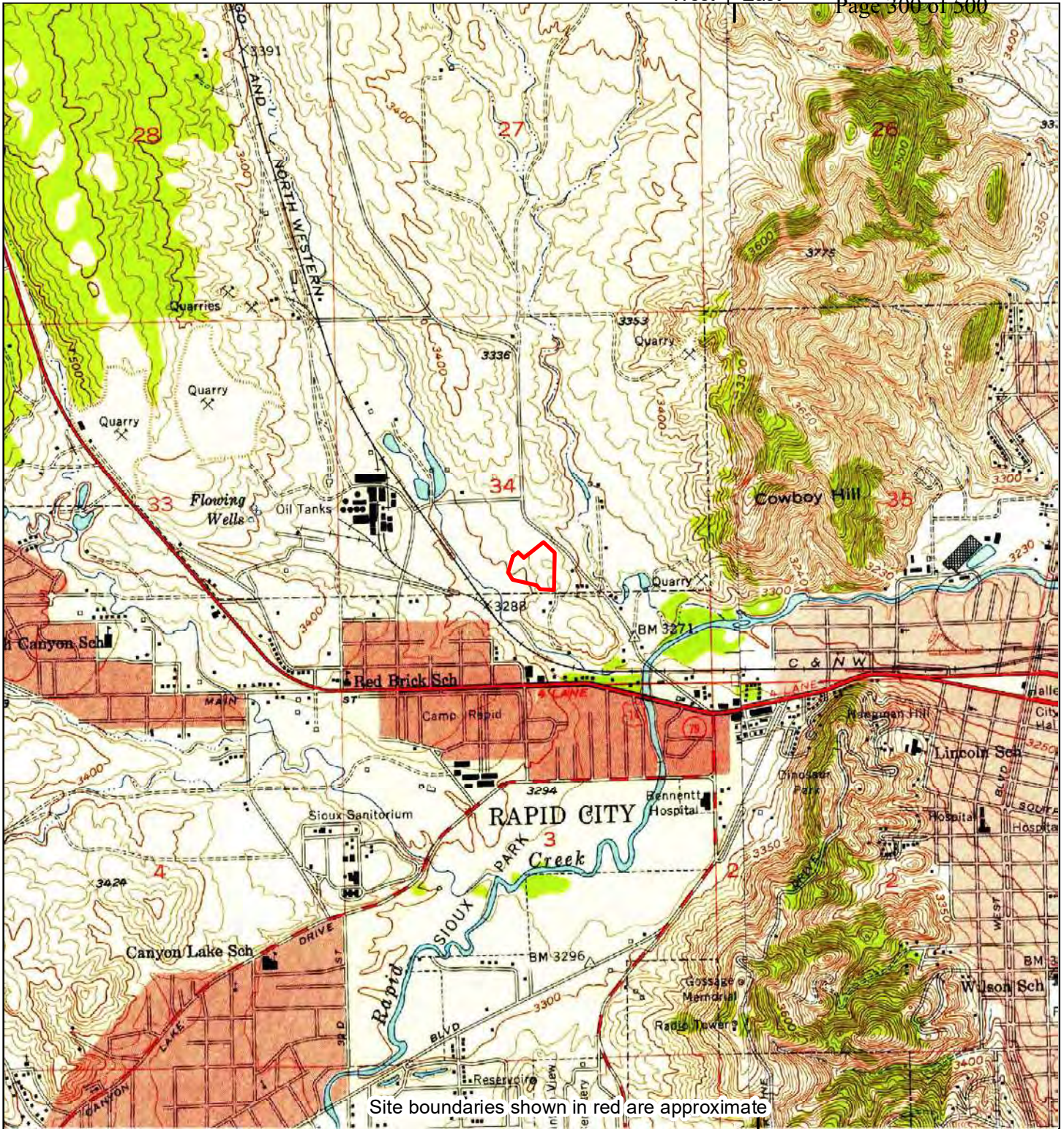
103°15'W

1898		0Distance in Miles1 1: 24,000 (1"=2,000')NAD 1983 UTM Zone 13N		Site information: Ben French Power Plant 409 Deadwood Avenue Rapid City, SD 57702			
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.				AET project #P-0039055 HIG #2088375 completed: 01/17/2025			
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
All	Rapid, SD	USGS	30' x 30'	1898	Photo Year	Inspected	Revised
					--	--	--



103°15'W

1903		0Distance in Miles1 1: 24,000 (1"=2,000')NAD 1983 UTM Zone 13N		Site information: Ben French Power Plant 409 Deadwood Avenue Rapid City, SD 57702			
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.			AET project #P-0039055 HIG #2088375 completed: 01/17/2025				
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
All	Rapid, SD	USGS	30' x 30'	1903	Photo Year	Inspected	Revised
					--	--	--



Site boundaries shown in red are approximate

1953

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 13N

Site information:
Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD 57702



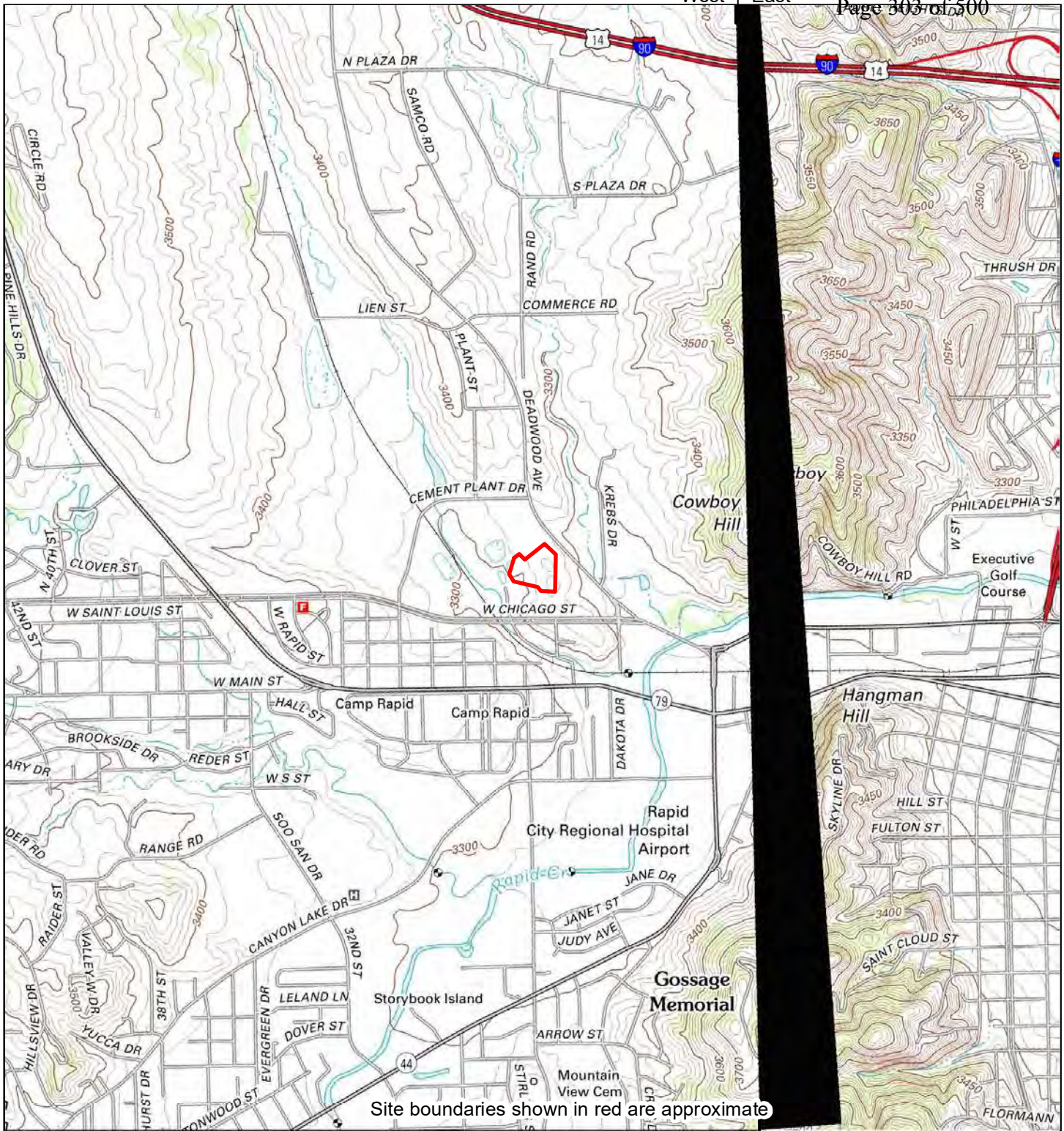
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

AET project #P-0039055
HIG #2088375 completed: 01/17/2025

Zone Topographic Map Name		Publisher	Map Size	Base Map	Aerial Photo Topo Updates		
					Photo Year	Inspected	Revised
East	Rapid City East, SD	USGS	7½' x 7½'	1953	1952	--	--
West	Rapid City West, SD	USGS	7½' x 7½'	1953	1952	--	--

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Photo Year	Inspected	Revised
East	Rapid City East, SD	USGS	7½' x 7½'	1953	1971	--	1971
West	Rapid City West, SD	USGS	7½' x 7½'	1953	1971	--	1971

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Photo Year	Inspected	Revised
East	Rapid City East, SD	USGS	7½' x 7½'	1953	1976	--	1978
West	Rapid City West, SD	USGS	7½' x 7½'	1953	1976	--	1978



2012

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 13N

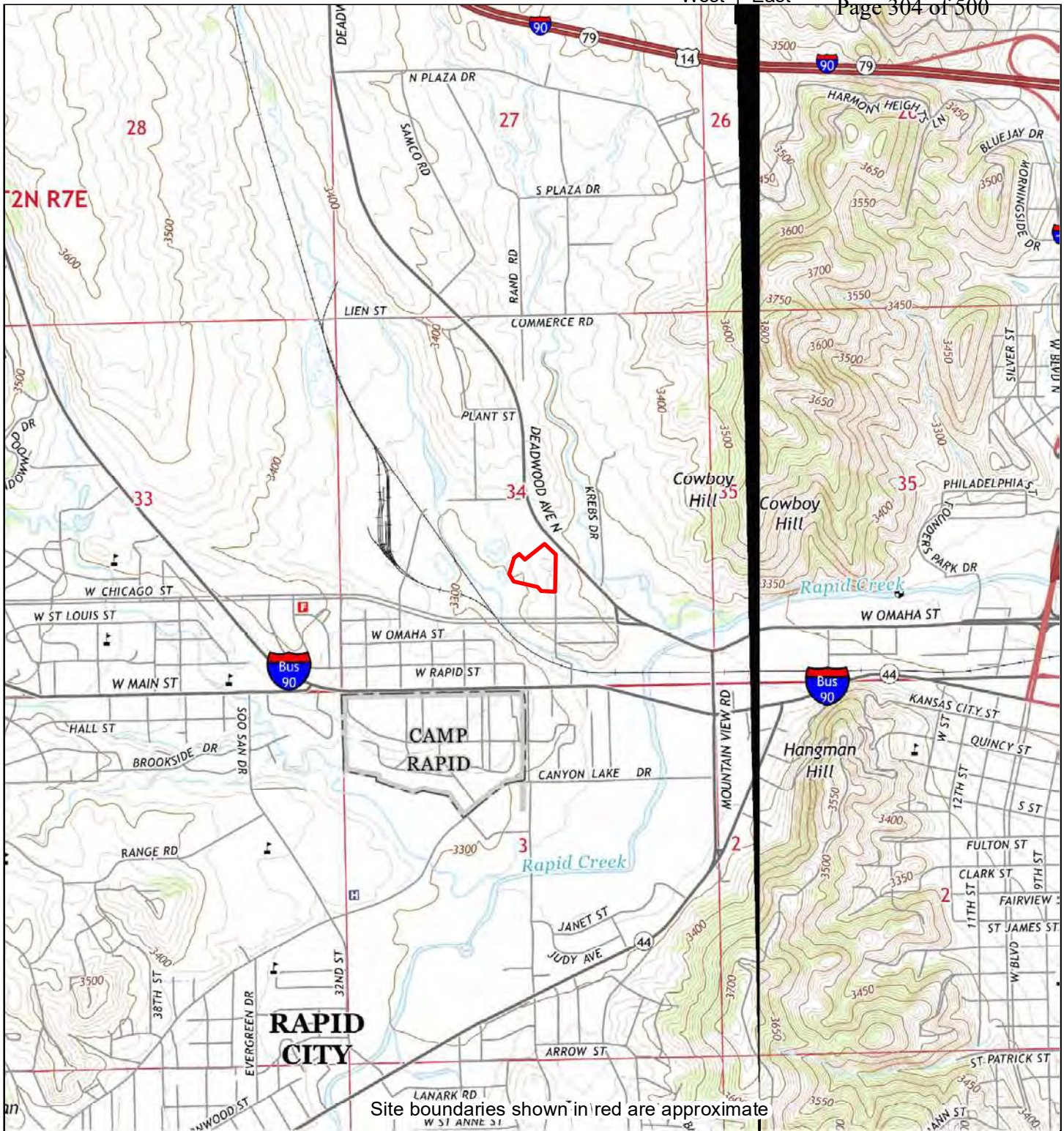
Site information:
Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD 57702



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

AET project #P-0039055
HIG #2088375 completed: 01/17/2025

				Aerial Photo Topo Updates		
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Photo Year	Inspected
East	Rapid City East, SD	USGS	7½' x 7½'	2012	--	--
West	Rapid City West, SD	USGS	7½' x 7½'	2012	--	--



2015

0 Distance in Miles 1
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 13N

Site information:
Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD 57702



Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

AET project #P-0039055
HIG #2088375 completed: 01/17/2025

					Aerial Photo Topo Updates		
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Photo Year	Inspected	Revised
East	Rapid City East, SD	USGS	7½' x 7½'	2015	--	--	--
West	Rapid City West, SD	USGS	7½' x 7½'	2015	--	--	--

REVIEWED

By Robert Prann at 1:43 pm, Jan 17, 2025

Exhibit MLL-4
Page 305 of 500



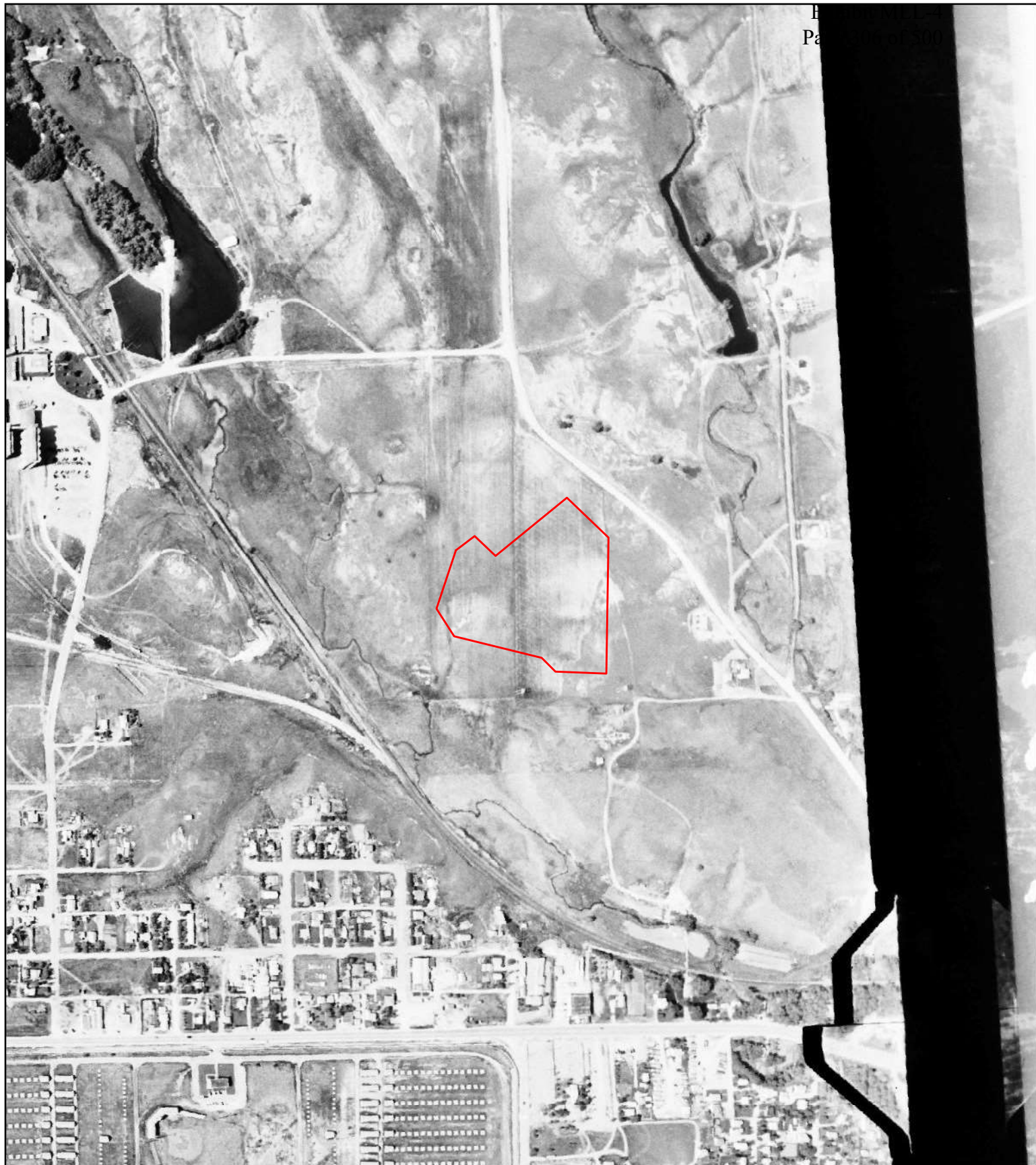
Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD



1938

HIG Project # 2088375
Client Project # P-0039055
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com





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Rapid City, SD



1952

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1954

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1962

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1968

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1973

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Ben French Power Plant
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1978

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1982

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1991

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1998

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Ben French Power Plant
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2004

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Ben French Power Plant
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2008

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Client Project # P-0039055
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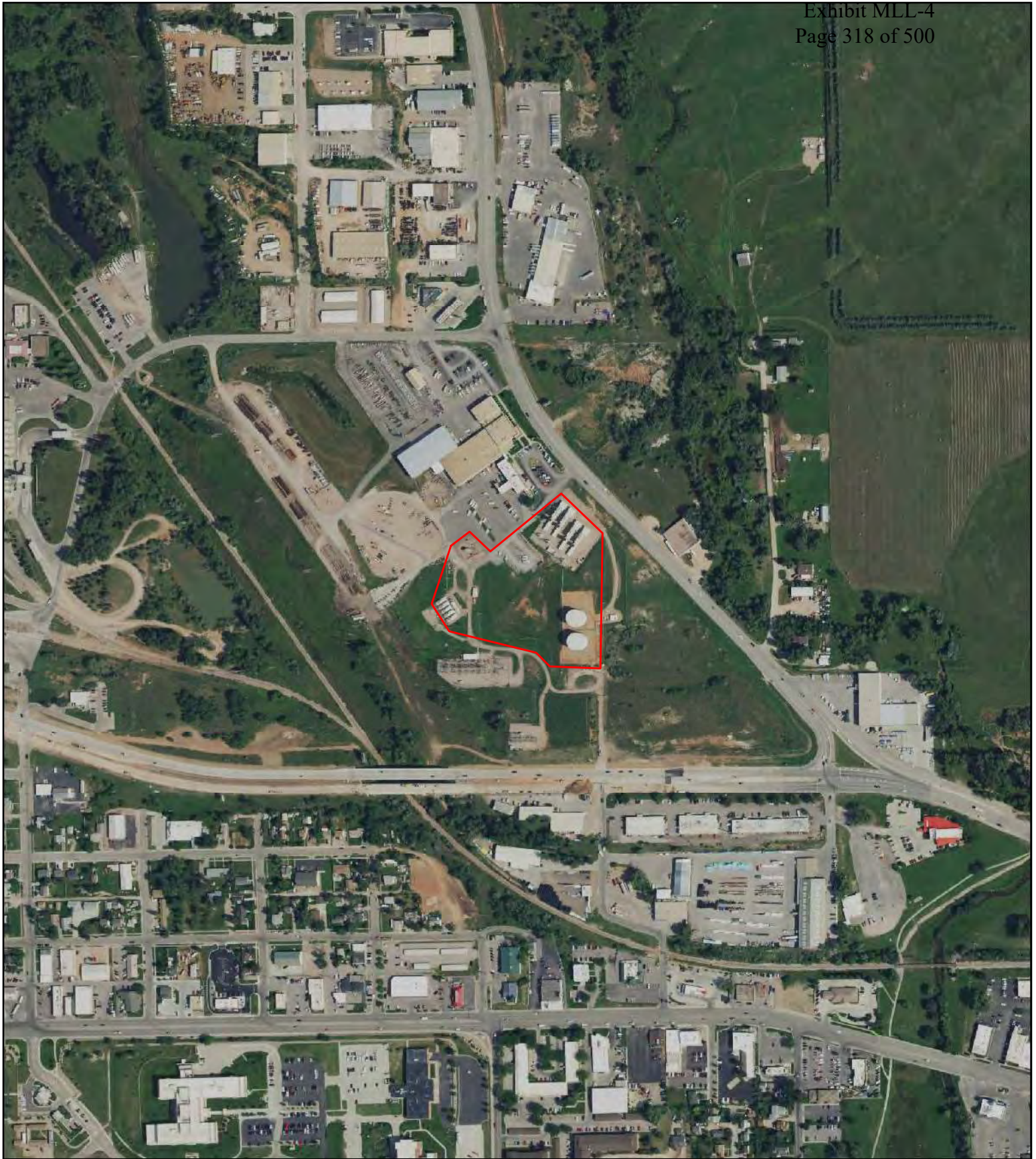
Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD



2014

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Client Project # P-0039055
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Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD



2018

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Site boundaries shown in red are approximate

Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD



2022

HIG Project # 2088375
Client Project # P-0039055
Approximate Scale 1: 6,000 (1"=500')
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Fire Insurance Maps No Coverage Statement

Site Location

Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD

HIG Project #

2088375

Client Project #

P-0039055

Date Created

01/17/2025

Requested by

American Engineering Testing, Inc.
1745 Samco Road
Rapid City, SD

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

REVIEWED

By Robert Prann at 8:17 am, Jan 31, 2025

REVIEWED MERICAN USED CAR RENTAL, INC.

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By Robert Prann at 2:58 pm, Jan 31, 2025

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CHERRY AV—Contd

- 20*Humpal Danl R @ 343-0436
- 21 Goehring Kevin K @ 348-3069
- 22 Aduddell Vesta @ 341-3428
- 23 Wilcox Ronald @ 341-5174
- 24 Carr Steven @ 348-0486
- 25 Wittmer Margt L @ 348-2407
- 26*Tittle Cliff 348-1786
- 27 Wagner Les @ 348-2403
- E ST CLOUD INTERSECTS
- 1501*Back Marvilla H Mrs 348-8233
- 1501½ Hilla Amber
- 1503 Lowell Agnes Mrs @ 343-7681
- E FRANKLIN ST JOINS
- 1602 Rapp Joseph D @ 342-6671
- E ST CHARLES INTERSECTS
- 1718*Harrell Glenn 343-3872
- 6*Graham Richd A 341-6185
- 7*Marshall Roger
- 1720 Apartments
- 1*Garrison Rica 341-7097
- 2*Pratt Colin K 341-6190
- 3*Lakota Julie
- 4*Hopfinger Kathleen 341-1582
- 1722a No Return
- 1722b Chipston Miles
- 1722 Stallworth Robin
- 1802 No Return

CHERRY AV N —FROM PHILADELPHIA ST NORTH

- ZIP CODE 57701
- 406 Salvation Army The 342-0982
- E NORTH INTERSECTS
- 624 Black's Specialized Welding 343-4769

CHICAGO ST —FROM EAST BLVD NORTHWEST 4 NORTH OF MAIN

- 1330 Black Hills Packing Co meat 343-1414
- U S Meat Insp Div 343-1414

CHICAGO ST E —FROM EAST BLVD EAST 4 NORTH OF E MAIN

- ZIP CODE 57701
- 25 Drake Geo R @ 343-2341
- 27 Professional Painting
- 36 Master Craft Realtors Inc 343-6666
- Jasper Law Office lwy 342-6565
- Comprehensive Employment & Training Act (br ofc) 343-1123
- Direct Employment 343-1100
- Knecht Bros Inc 348-6361
- Macon Inc 348-6361
- Western Dakota Contruction Inc 343-7744
- N MAPLE AV INTERSECTS
- 109 Ingraham Doug 343-8760
- 119*Coddy Wm H 341-3196
- 119½*Piccolo Joe L 343-7003
- 123 Roosevelt Park Plaza apts 341-5710
- 1a*Hopper Treva A 348-3783
- 2b Vacant
- 3c*Blankenship D 348-2366
- 4d Hamm John L 342-0842
- 5e Vacant

- 6f Buehner Brian K 341-2521
- 131 Apartments
- 21g Vacant
- 22h Vacant
- 23i*Schmidt Jennifer L 348-2062
- 24j*Green Sandy K 342-1866
- 24i*Word Kimberly J
- 25k*Reed John G
- 26l Cary Peggy Mrs
- 27m Vacant
- HERMAN ST INTERSECTS
- WATERLOO ST INTERSECTS
- 402 Morgan Elmer D @ 342-2551
- 402½ Viereck Rich P 348-4614
- 410 Marquez Henry D 342-2127
- 410½ Titus Lotus B @ 343-7385
- 418*Meysers Stanley V @ 342-0622
- Bent Vacant
- 424 Farr Neil H @ 342-5328
- 428 Vacant
- 438 Johns Ruth J Mrs @ 342-1583
- RACINE ST INTERSECTS
- 504 Nerison Una B Mrs @ 342-5597
- 507 Vacant
- *Boone Bob D 342-8469
- 508 Adams Louise B Mrs @ 343-1048
- 510*Clarke James O
- 510b Vacant
- 510g No Return
- 510½ Vacant
- 511 Chiolis Geo G @ 342-2585
- 515 Collins Charles W @ 342-4420
- 518 Brownlee Joseph E @ 343-1461
- 519 Arnold Monroe F @ 342-4392
- 520 Ketchum Robt L 348-8636
- 524 Vacant
- 525 No Return
- 532 Apartments
- 1*Abam Ben 341-5875
- 2*Yustan Steve 342-2485
- 3*Bradner Myron J 342-8917
- 4*Weber Henry J 343-3232
- 721 Pleasant Acres trailer park 342-8177
- Lots
- 1 Case Paul E @ 342-2487
- 2 Hull Darrell @ 348-1999
- 3 Grueschow Richd H @ 342-3088
- 4*Holm Lebert L 343-8999
- 5 Grass Alma R @ 342-2308
- 6 Lofgren Wm A @ 343-0760
- 7 Beachler Wesley L @ 342-7032
- 8 Jennings Loretta Mrs @
- 9*Kenyon Tim L 348-3913
- 10 Vacant
- 11 Jacobson Linda L @ 348-5277
- 12 Slayton Les @ 348-7898
- 13 Curtis Ron 342-1680
- 14 Van Vuuren Dirk @ 341-3404
- 15*Bauer Mary @ 342-1471
- 16 Ranta Kurt A @ 342-3379
- 17*Stout George F @ 342-2025
- 18 Syverson Martin J Jr @ 348-8320
- 19 Allen Dennis J @
- 20 Morris Joe E @ 348-5141
- 21*Alsayegh Majid A @ 348-2462
- 22 La Croix Ruth @ 343-8420
- 23*Zurcher Kim R @ 341-1586
- 24*Kierstead Roger O @ 343-9125
- 25 Boock Dennis W @ 341-3926
- 26 Vacant
- 27 Van Antwerp Robt J @ 348-0415



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41

E CHICAGO ST—Contd

- 28 Stefanowicz John J @ 342-6759
- 29 Salway Donald D @ 348-1362
- 30 Peisher Wm J @ 348-5807
- 31 Steinberg Dale L @ 343-4125
- 32*Mueller Otto E @ 342-9425
- 33*Robb Brain @
- 34 Hull David E @ 341-5936
- 35 Wilson Francis @ 342-5641
- 36 Lyons Larry @ 343-8013
- 37*Hutmacher Elmer O @ 343-3999
- 38 Vacant
- 39*Faust La Verne A @ 342-3467
- 40 Anderson Roderic V @ 341-4526
- 41 Carroll Michl @ 342-0496
- 42 Stauffer Steven K @ 342-8354
- 43*Knapp Clio C @ 342-0772
- 44 Sandeen Ralph A @ 341-2267
- 45 Cummings Arnold E @ 343-7329
- 46 Roerick Donald G @ 342-7716
- 47 Meyer Myron E @ 343-6194
- 48 Behrens Jerry L @ 348-4780
- 49 Hamilton Yong Cha Mrs @
- 50*Wood James A @ 348-3315
- 51 Ocha Rebecca @ 348-5340
- 52 Vacant
- 53 Davis James W @ 341-6461
- 54 Swint Kathleen
- 55 Wittmaier Brian @ 348-0641
- 56 Wehrkamp Lloyd G @ 342-7246
- 57*Johnson Gerald D @ 343-9285
- 58 Williams Dianne K @
- 59 Jones Clayton A @ 348-9157
- 60 Walter Ed F @ 341-6273
- 61*Sumner Wayne E @ 348-1576
- 62 Barley John R @ 348-1482
- 63 Deluze Homes Inc mobile home als 342-8177
- 914 A & B Welding Supply 343-5365
- 1102 Johnson Transfer & Storage 342-8884

CHICAGO ST W —FROM 417 WHITEWOOD ST WEST 4 NORTH OF W MAIN ST

- ZIP CODE 57701
- 2400 Under Constan
- 2900 Birdall Sand & Gravel Co new office bldg
- 3121 Reloader's Corner guns & ammunition 343-2130
- Sports Distributors Co sporting gds whol 343-2130
- 3333 Westside Gibson's 348-0241
- Boyd's Westside Pharmacy 343-4445
- 3434 Red Barn Furniture Inc 342-5060
- 3637 Taicher Leonard @ 342-3449
- 3641 Osterholt Floyd E @ 343-8648
- 3642 Vacant
- N PLATTE INTERSECTS
- 3704*Ague Bob @ 348-4191
- 3708 Proctor Karen @ 341-3257
- 3709 Elsom Geo E @ 348-8065
- 3713 Kentch Chas R @ 341-1853
- 3719 Lud Alvin S Jr 343-0506
- 3723 Van Vleet Charles E @ 343-9749
- 3729 Looking Elk Simon Rev @ 348-4223
- 3801 Logsdon Glyndon Rev @ 342-8613

- 3803 Mattison Lillian @ 343-5826
- 3807 Meier Karl A @ 348-1309
- 3811 England David J @ 342-2122
- 3814 Eddy Wayne E @ 348-1130
- 3820 Buettner Genevieve D Mrs @ 343-4011
- 3901 Brown Arnold W @ 342-2271
- 3902 Kafton Hugh C @ 343-5522
- 3903 Finn Ronald K @ 342-3766
- 3908 Artlip Rott E @ 343-2552
- 3911 Lindquist Marie N @ 342-0190
- 3914 Smith Bonnie @ 341-7787
- 3924 Vacant
- 3928*Seibert David W 343-9157
- 3929 Young Wilbur C @ 348-1952
- 3934 Ehlers Merlin H @ 342-8061
- 4001 Holland Dennis K @ 343-9168
- 4002 Wheeler John E @ 343-7183
- 4008 Bishop Constance Mrs @ 342-9022
- 4009 Wilcox Maxine K Mrs @ 343-2886
- 4013 Frein Ed @ 342-3688
- 4017 Mueller Paul F @ 342-8820
- 4018 Williamson Garret W @ 348-0976
- 4021 Stephens Scotty @ 341-2643
- 4022 No Return
- 4024 Selberg Fleda M Mrs @ 342-4181
- 4025*Burke Doug
- 4029 Anderson Fredk T @ 343-7745
- 4034*Guardado Alax @ 342-0206
- 4035 De Beer Herb L @ 343-5820
- 4042 Holmes John A @ 348-3140
- 40TH ST INTERSECTS
- 4105 Thares Louis M @ 343-1743
- 4109 Efland Arth A @ 343-6600
- 4113 Viquain Nellie K Mrs @ 342-1463
- 4116 Retano Sam J @
- 4119 Hagemann Ernest P @ 342-1509
- 4122 Sims Donald @ 342-7959
- 4123*Decker B A
- 4202 Daniels Albert A @ 348-7887
- 4205 Minton Melvin M @ 342-8698
- 4208 Wright Ellery R @ 342-7383
- 4209 Mc Caskey Timothy L @ 342-8768
- 4214 Taylor Marion A @ 342-8135
- 4215 Bloomberg Gary J @ 342-8628
- 4218 Kingsbury Archie S @ 343-3486
- 4219 Hartman Chester D @ 348-8581
- 4223 Curtis Norman G @ 348-9083
- 4224 Smith Charles E @ 343-3446
- 4227 Hall Josephine C Mrs @ 342-2148
- 4232 Meisner Melvin R @ 343-3498
- 42D ST INTERSECTS
- 4301 Caswell La Vern E @ 343-8539
- 4302 Villbrandt Wm P @ 342-9445
- 4310 Parker Lawrence J @ 343-3458
- 4316 Doughty John S @ 343-3198
- 4319 Smith James J 348-3774
- 4320 Spelts Cathryn A Mrs @ 342-6776
- 4323*Austin Donald L @ 343-1906
- 4326 Schacht Gerald L @ 342-4724
- 4334 Parker Charles E @ 343-1513
- N 44TH ST INTERSECTS
- 4504 D & D Day Care Center 348-2727
- 4513 No Return
- 4514*Jensen D Y @ 343-3574
- 4520 No Return
- 4521 Browder Robt S @ 342-9552
- 4526 Nudge James K @ 342-4149
- 4530 Baer Monty L @ 343-9541
- 4531 Townsend Lois M @ 343-5764

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56

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W MAIN ST**

ZIP CODE 57702

- 2425 Water-N-Bed Store beds ret 342-8113
Powerhouse Inc 348-8983
- 2433 Carlson Henry Company genl contrs
342-7080
- Bankers Life & Casualty Co 342-7051
- 2435 Black Hills Employment 348-5218
- 2400 Litchfield Cedarhill (Addl Sp)
- 2437 Litchfield-Cedarhill electronic mfg
348-8411

Norcom Industries genl merchandise
whse 341-3932

2445 Remodeling Shoppe The home improv
contrs 341-3323

2447 Cellular One (Addl Sp)

2449 Cellular One mobile phones 348-8800

2453 Vacant

2455 M C S Group (Addl Sp) 341-6755

2465 M C S Group comp software 341-6755

2475 Vacant

2485 Vacant

2491 Vacant

2493 National Cash Register 343-3561

Midland Medical Supply 342-1130

2495 Vacant

2497 K E L O Land T V 341-1500

Midco Communications 348-7444

2504 Stone's Furniture 342-2202

2900 Birdsall Sand & Gravel Co 342-0250

3121 Reloader's Corner guns & ammunition
343-2130

Sports Distributors Co sporting gds whol
343-2130

3220 Contel Cellular Of South Dakota Inc tel
390-2365

3280 Import Service importers 342-3003

3333 Family Thrift mdse genl 348-1377

3340 Crossroads Auto Body repr 342-2103

3637 Talcher Maxine M Mrs @ 342-3449

3641 Osterholt Floyd E @ 343-8648

3642 Vacant

N PLATTE INTERSECTS

3704 Vacant

3708 Amende Norman R @ 341-2582

3709 No Return

3713 No Return

3719 Rudd Alvin S Jr @ 343-0506

3723 Knight Dennis L @ 341-2104

3729 Looking Elk Simon Rev @ 348-1573

3801 Logsdon Glyndon Rev @ 342-8613

3803 O'Kane Rick @ 343-4678

3807 Meier Karl A @ 348-1309

3811 England David J @ 342-2122

3814 Eddy Dorothy M @ 348-1130

3820 Buettner Genevieve D Mrs @ 343-4011

3901 Brown Florence G Mrs @ 342-2271

- 3902 Kafton Hugh C @ 343-5522
- 3903 Finn Ronald K @ 342-3756
- 3908 Ardlip Robt E @ 343-2552
- 3911 King Mitchell J @ 348-9741
- 3914 Shackelford Collins G @ 342-8885
- 3924 Vacant
- 3928 De Gooyer Janet
- 3929 Young Harriet K @ 348-1952
- 3934 Ehlers Merlin H @ 342-8061
- 4001 Holland Dennis K @ 343-9168
- 4002 Abeln David M @ 341-7531
- 4008 Hanson Connie E @ 343-7365
- 4009 Vacant
- 4013 Frein Edward @ 342-3331
- 4017 Mueller Paul F @ 342-8820
- 4018 Williamson Garrett W @ 348-0976
- 4021 Halway Leo R
- 4024 Tatum Alberta Mrs @ 343-5610
- 4025 Dyk Sherman H @ 341-5150
- 4028 Anderson Fredk T @ 343-7745
- 4034 Schleuning Helen A @ 343-2517
- 4035 De Beer Herbert L @ 343-5820
- 4042 Holmes Nathan A 348-3140

40TH ST INTERSECTS

4106 Thares Louis M @ 343-1743

4109 Eiland Lyda M Mrs @ 343-8600

4113 Vacant

4116 Clanton Chas W @ 343-9807

4119 Peterson Robin E

4122 Swanson Dan L

4123 Fischer Robt B

4202 Daniels Albert A @ 348-7887

4205 Minton M M 342-8698

4208 Wright Cecelia M Mrs @ 342-7383

4209 Kinzer Marilyn L @ 348-5653

4214 Taylor Marion A @ 342-8135

4215 Vacant

4218 Kingsbury Archie S @

4219 Hartman Chester D @ 348-8581

4223 Fortin Grace M @ 343-7089

4224 Smith Charles E @ 343-3445

4227 Noble Linda J @ 348-4166

4232 Meisner Melvin R @ 343-3498

42D ST INTERSECTS

4301 Caswell Dorisann @ 343-8539

4302 Phelps J Douglas @ 343-3160

4309 No Return

4310 No Return

4316 Bauer Raymond F 342-2516

4319 Vacant

4320 Spelts Cathryn A @ 342-8776

4323 White Ruth M 342-7791

4326 Schacht Gerald L @ 342-4724

4334 Parker Charles E @ 343-1513

N 44TH ST INTERSECTS

4504 Pooh Corner Inc day care cntr 341-2222

4513 A Head Of The Rest beauty shop
348-8839

Conway Frank @ 348-8839

Bsmth Hohn Karla R 348-8301

4514 Knudsen Donald P @ 341-0970

49

14

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57709

TEL: 343-3402

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★ **NEW NEIGHBOR**

W CHICAGO ST-Contd

- 4520 Wire Paul @ 341-3960
- 4521 Thirstrup Jerry J 348-1407
- 4526 Curtis Lisa F @ 348-3982

SEEAIRE INTERSECTS

4530 Gunther John M @ 343-7829

4531 Townsend Lois M @ 343-5764

4534 Garwood Harold W Jr @ 343-4422

4604 Krueger David V @ 341-3338

STATION P. INTERSECTS

4615 Abdallah Michl B @ 341-3907

4621 Pepper Dennis D @ 348-6690

4622 Treick Bernice @ 342-4107

STATION PLACE INTERSECTS N

4624 Caldwell Bill H @ 343-6256

4625 Stueckrath Russell D @ 341-5194

4631 Guffey M Dwight @ 342-5408

4635 Martin David R @ 348-7783

4636 Yantes Paul A @ 342-7658

48TH ST INTERSECTS

4703 Neubert Bug H @ 342-3116

4709 Scruton Steve

WEDGEWOOD DR INTERSECTS

4804 Michael Leland D @ 342-1836

4810 Trapp Richd D @ 341-4415

4816 Sutton Marjorie 341-1305

SAN MARCO BLVD INTERSECTS

4901 Pinedale School 394-1805

4902 Blackler Edmund C @ 341-2342

4906 Mc Gill Wm B @ 348-0510

4910 Davis Ronald D @ 343-3698

4918 Ashmore Danl E @ 343-7796

4920 No Return

4926 Nagel Fern N Mrs @ 342-7529

4932 Karn Peter L @ 348-5845

BERRY BLVD INTERSECTS

5008 Kingsbury Garold O @ 342-5645

5014 Naeve Martin M @ 343-3807

5021 Annichiarico Ralph R @ 348-0553

5028 Sethney Richd C @

5029 Meyer Martin L @ 342-3364

5030 Muehlberg Dean O @ 348-6556

5033 Bochna Gary S @ 343-0047

BERRY PINE RD INTERSECTS

**CHIEF DR -FROM 1 BLK WEST OF N
HAINES AV**

ZIP CODE 57701

3504 Vacant

3508 Vacant

3513 Lanoue Joe @ 341-7293

3607 Buskol Carol D @ 341-2595

3615 Abler Kathy @ 841-6507

3703 Kidd Christohper @ 841-5418

3715 Keller Gene R @ 342-7340

3807 Barber Burl J @ 341-7531

3808 Vacant

3815 Esser Bob @ 341-1429

3816 Vacant

3823 Yahne Gregory C @

3824 Sargent Steven R @

- 3831 Eagle Gary T @ 348-7128
- 3832 Quenette Kerry A @ 341-7745
- 3839 Haug Kendal L @ 348-7418
- 3840 Vacant
- 3847 Vacant
- 3848 Hubbard Rod C @ 343-5391
- 3850 Larson Harry D @

SEAHAWK DR INTERSECTS

4007 Watch Elmer 342-3060

4008 Vacant

4011 Vacant

4012 Randolph David @ 341-3086

RAM LANE INTERSECTS

4016 Hammerstaedt Herb H @ 348-2508

4017 Dansby Walter L Jr @ 348-0583

4020 Jangula Kenneth J @ 343-9443

4023 Williams Jane R @ 348-9051

4024 Vacant

4028 Wessel Alan W @ 342-7928

LION DR INTERSECTS

CHOCHECHERRY LA -

ZIP CODE 57702

6241 Olson Jas W 348-1511

6260 Gundersen Eileen S @ 343-4707

6320 Simon Robt H @ 342-8478

**CHURCHILL DR -FROM 1002 PARK
HILL DR SOUTH 4 EAST OF ELM AV**

ZIP CODE 57701

HOEFER AV INTERSECTS

**CIRCLE DR -FROM W SOUTH
NORTHWEST IN SEMI-CIRCLE TO
44TH ONE WEST OF EVERGREEN DR**

ZIP CODE 57702

524 Salfgren Harold D @ 342-1770

603 La Framboise Lyle B @ 341-6402

607 Armour Michl R @ 342-4360

6074 Nolde Dixie L

608 Riss Leslie R @ 343-7854

609 Richardson Ronald E @ 343-7379

611 Humpal Thos L @ 342-5710

612 Labarge Lawrence F @ 348-0828

705 Kidd Sheldon A 348-0234

706 Strommen Gregory G @ 342-4381

709 Hennies Douglas L @ 342-0052

710 Han Kenneth N @ 341-4409

714 No Return

MARY DR INTERSECTS (SOUTH)

43D COURT INTERSECTS

4308 Anderson Lloyd H @ 342-7215

4309 Grote Ralph L @ 342-7868

4312 Johnson Donna L @ 343-5149

4315 No Return

4316 Vacant

4320 Mc Coy Reid E @ 342-1048



WARNER GHERE
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Leasing & Rental
Ford 348-1400



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402 MAIN STREET 341-1203

● HOMEOWNER

CHARGER CT--Contd

641 Boama Terry L ● 343-8133

CHERRY AV --FROM SAN FRANCISCO
ST SOUTH TO E ST PATRICK

ZIP CODE 57701

202 Uncle Milt's Alignment Service 348-0144
Marv's Truck & Auto Service 348-1421
230 Dakota Designs Jwry mfg 343-5334
405 Salvation Army Corps Comm Center
342-0932

E ST JAMES INTERSECTS

1421 Cherry Avenue Mobile Home Park
348-1932

Lots

1 Iszler Al L ● 343-7943
2 Vacant
3 Aduddell Donald ● 343-8806
4 Schutz Susan L Mrs ● 342-0058
5 Shurman Danny ●
6 Todd Jill 348-6337
7 Cosgrove Stanley C ● 343-2742
8 Deutsch Martin C ● 343-0838
9 No Return

10 Finney Bobby ● 348-7656

11 Uecker Joseph ●
12 Shinebuck Joseph ●
13 Buechler Wayne
14-15 No Return (2 Lots)
16 Vacant

17a Maass Kim 342-7701
17a Willey Allen D ● 343-1619
18 No Return
19 Mc Quirk Carol M ● 341-7020
20 Brunson Sophie A ● 343-6822
21 Scripser Trisha ● 341-5056
22 Aduddell Vesta ● 341-3428
23 Kurts Dick ●
24 Lindholm Le Roy ● 343-5576
25 Wellner Cecilia A ● 343-6560
26 Holliday Russell ● 341-6674
27 Jensen Bruce ● 343-1423
28 Burns Michl ● 342-9256
29 Pourier Don J ● 341-5169
30 O'Day Valerie M ● 343-8647
31 Brech Frances A ● 348-7904
32 No Return

33 Brooks Robt ● 348-8182
34 Fields Michl V ● 341-6933
35 No Return
36 News Odean ● 342-7881
37 Ford Kerry 342-4504
38 Duncan Keith W ● 348-4155
39 Byron Peggy ● 341-5125
40 Brooks Audrey M ● 348-6910
41 Graham Kenneth C
42 Green Curtis
43 Kath Jeff 341-3351
44 Rottgen Jeff T ● 342-4092
45 Larson Tom L ● 342-6451
46 No Return

E ST CLOUD INTERSECTS

1501 Back Marvilla F Mrs ● 348-8233
1501 1/2 Kamerzell Katherine 348-5505
1503 No Return

E FRANKLIN ST JOINS

52

10

4

10

2

CHERRY AV N --FROM PHILADELPHIA
ST NORTH

ZIP CODE 57701

405 Salvation Army the 342-0982
E NORTH INTERSECTS
N CHERRY INTERSECTS
624 Black's Specialized Welding 343-4769

CHICAGO ST --FROM EAST BLVD
NORTHWEST 4 NORTH OF MAIN

ZIP CODE 57701

1330 Black Hills Packing Co Div G F I Am
Inc meat 343-1414
U S D A Meat Inspection Division
343-1414

CHICAGO ST E --FROM EAST BLVD
EAST 4 NORTH OF E MAIN

ZIP CODE 57701

25 Drake Vera I Mrs ●
27 Anderson Sheet Metal wldg 343-2751
29 Professional Painting Inc 342-2300
36 Stec's Advertising Specialties 348-0100
State Dept of Environment & Natural
Resource 394-2385
Black Hills Home Bldrs Assn 348-7850
Western Resources for Disabled
Independence disabled Independence
394-1930

N MAPLE AV INTERSECTS

109 Charles Robt F 348-8281
109 1/2 No Return
119 Charging Crow Floyd 342-7112
119 1/2 Zephier Freeman G 341-6859
123 Roosevelt Park Plaza apts
1a Schreier Delores 343-7978
2b Luckhart M R 342-5253
3c Adams Lisa A 343-8673
4d Pyle Michl
5e Moler Keith D 348-3883
6f No Return

131 Apartments

21g Bailey Grace 343-6295
22h Newell Theo J 341-4893
23i Hart Donnalene 342-2463
24j 25k No Return (2 Apts)
26l De Pwew David J 348-0711
27m Vetsch Sheila H 348-7051

HERMAN ST INTERSECTS



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★ NEW NEIGHBOR

E CHICAGO ST--Contd

WATERLOO ST INTERSECTS
402 Morgan Elmer D ● 342-5551
402 1/2 Arthur Todd 348-0438
410 Rosenkranz Naomi A ● 342-5163
410 1/2 No Return
418 Gossman Fred R 343-9171
424 Farr Neil H ● 342-5328
428 Jewett Jason H
438 Johns Ruth V Mrs ● 342-1583
RACINE ST INTERSECTS
504 Nerison Una B Mrs ● 342-5597
507 Donesud Dolna ● 343-0380
507 1/2 Vacant
508 Adams Louise B Mrs ● 343-1048
510 Apartments

1 Johnson Eric 341-6882
2 No Return
3 Labbe Kenneth M
4 No Return

511 Chollis Geo G ● 342-2585
515 Collins Melva J ● 342-4420
518 Brownlee Joseph E ● 343-1481
519 Glass Gerold T ● 341-3391
520 Speiser Mike C artist 348-4939
524 Vacant
525 Lindeman Alvin F ●

532 Apartments
1 Harter Tim A 348-8039
2-3 No Return (2 Apts)
4 Hackens Doug D 342-6046
721 Pleasant Acres trailer park 342-8177

Lots

1 No Return
2 Trevillyan James C ● 343-1710
3 Grueschow Vernol M Mrs ● 342-3088
4 Holm Lebert L ● 343-8989
6 Hall Wesley G ● 342-3577
6 Hartzell Donna Mrs ●
7 No Return
8 Johnson Willard J ● 342-4809
9 No Return
10 Freier James A ● 348-7538
11 Bjornestad Geo ● 341-8829
12 Kium Cheryl ● 342-8956
13 Richards Arnold P ● 343-2276
14 Austin Doug D ● 343-4836
15-16 No Return (2 Lots)
17 Stout Ora Mrs ● 342-2025
18 Blazek Robt ● 343-8764
19 No Return
20 Bierman Frank ● 343-9738
21 Healey Clifford ● 341-5749
22 Gabert Bonnie J ● 341-7513
23 Walters Tim ● 348-8620
24 Kierstead Loretta A Mrs ●
25 No Return
26 Advine M Perrin ● 348-5984
27 Van Antwerp Robt J ● 348-0415
28 No Return
29 Beard Rick A ● 342-4836
30 Jackson Carol ● 348-3702
31 No Return
32 Collins Kevin ● 341-0464
33 Mc Mahon Mary Ellen ● 341-6548
34 Marken Joanne L ● 341-0626
35 Barry Darlene L Mrs ● 348-9686
36 Lyons Gloria A Mrs ● 343-8013
37 Hutmacher Mary J Mrs ● 343-3999
38 Beard Earl D ● 343-9457
39 Faust La Verne A ● 342-3467

40 Freier Mike ● 343-7457
41 No Return
42 Kenworthy Brian ● 348-9483
43 Allison Kirk S ● 341-6315
44 Holloway Don W ● 348-4406
45 Stoesser Barb A ● 348-8707
46 Pope David L ● 341-5741
47 Wollenhaupt Donald E ● 341-7582
48 Pfaff Rodney ● 342-1107
49 Tangimana Treee Thinning tree serv
341-3296
49 Tangimana Afui ● 341-3296
50 Lehl Jerry ● 341-2341
51 O'Neiser Don ● 348-9518
52 Koski Delano E ● 348-0118
53 Haga Madeline ● 342-1627
54 Denison Mark ● 343-3280
55 Kosola Dorothy ● 342-4472
56 Clements Carl E ● 341-4283
57 Johnson Gerald D ● 343-9286
58 Pipal Crop Dusting crop dusting
343-9079
58 Pipal Ernest F ● 343-9079
59-60 No Return (2 Lots)
61 Sumner Wayne E ● 348-1576
62 Paschke Velma E Mrs ● 341-3863
63 Taggart Gene 348-5217

914 A & B Welding Supply 343-5366
920 Joe's Body Shop auto body repair &
painting 342-5684

1022 Purlington David W ● 348-0082
1102 Johnson Transfer & Storage 342-8834

CHICAGO ST W --FROM 417
WHITEWOOD ST WEST 4 NORTH OF
W MAIN ST

ZIP CODE 57702

2425 Powerhouse Inc 348-5983
A Bankers Life & Casualty Co 342-7051
B Life Security Agency ins agcy 343-5997
2437 Horizon Gaming inc video lottery
342-4813
2445 Remodeling Shoppe the home improv
contrs 341-3323
2447 A T & T telephone sup install 342-9360
2449 Cellular One mobile phones 348-8800

2453 Vacant
2455 M C S Group (Addl Sp) 341-6755
2465 M C S Group comp software 341-8755
2475 M C S Group (Addl Sp)
2485 A T & T (Addl Sp)
2493 Rem Con Inc asbestos removers
348-5848

N C R Corp 343-3561
2495 Control Data lotto machine repair
342-1488

2497 K C L O TV 341-1500
Midco Communications 348-7444

SHEFFER ST INTERSECTS

2501 Water-N-Bed Store water beds
342-8113
2511 Stone's Furniture 342-2202
2900 Birdsall Sand & Gravel Co 342-9250
3121 Conrad-Ham & Associates-Better
Homes and Gardens real est 343-6000
3206 Car Wash West auto washing &
polishing
3220 Contel Cellular of South Dakota Inc tel
342-4000

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LIFE INSURANCE COMPANY
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AUTO

320 CANAL
EARTH
COUPLED
HEATING
**HITAKER and
ATSON, Inc.**
SHEET METAL CONTRACTORS
Custom Sheet Metal
342-0532

A.G. Edwards & Sons, Inc.

INVESTMENTS SINCE 1887

 Exhibit MLL-4
 Page 324 of 500

625 Main Street

345-7555 OR 1-800-658-5450

Rapid City, SD 57701

NEW NEIGHBOR

33

CHICAGO ST E to CHICAGO ST W

E CHICAGO ST	cont'd
518 Brownlee Joseph E [H+] [H]	343-1461
519 Vacant	
520 Spelser Mike C.	348-4939
524 Brown Dewayne E & Colleen [H+] [H]	343-3157
525 Lindeman Fritz [H]	343-0123
532 Apartments	
1 Hamer Tim A [H]	348-6039
2 Not Verified	
3-4 Vacant (2 Apts)	
721 PLEASANT ACRES trailer park. 342-8177	
Lots	
1 Pfior Rodney & Marie [H]	342-1107
2 Trevillyan James C & Doreen [H]	343-1710
3 Grueschow Vernol M [H+] [H]	342-3088
4 Holm Lebert L & Eleanor [H+] [H]	343-8989
5 Hall Wesley G & Joyce [H]	342-3577
6 Huber William W & Hilda [H]	348-0659
7 Isenbaum Wilma A [H]	342-0831
8 Johnson Margaret M [H+] [H]	342-4809
9 Not Verified	
10 Freier James A & Eleanor [H+] [H]	348-7538
11 Bjornestad George & Stella Mae [H+] [H]	341-6829
12 Not Verified	
13 Talley Arlene [H]	342-4462
14 Not Verified	
15 Bauer Mary C [H]	342-1471
16 Buchert B [H]	348-5087
17 Not Verified	
18 Blazek Robert [H+] [H]	343-6764
20 Vacant	
22 Gabert Bonnie J [H+] [H]	341-7513
23 Not Verified	
24 Vacant	
25 Not Verified	
26 Campbell Marshall & Sandy [H]	348-5195
27 Van Antwerp Robert J & Velda [H+] [H]	348-0415
28 [H] Pingrey Jeff	342-3432
29 Hellman Elmer M & Charlene [H]	341-2168
30 Jackson Milano & Pearl [H+] [H]	
31 Not Verified	
32 Wolf Ronnie & Tara [H]	
32 Wolf Tara	
33 Mc Mahon Mary Ellen [H]	341-6548
34 [H] Miller Glenn	355-0935
35 Barry Wayne & Darlene [H]	348-9686
36 Lyons Gloria A [H+] [H]	343-8013
37 Huttmacher Mary J [H+] [H]	343-3999
38 Beard Earl D & Geraldine [H]	343-9457
38 Beard Bradlee L.	343-9457
39 Faust La Verne A & Shirley [H+] [H]	342-3467
40 Haarsma Neil W [H]	343-0520
41 Strong Hiram A & Edna [H]	
42 Vacant	
43 Allison Mary [H+] [H]	341-6315
44 Simpson Nathan G & Ruth [H]	343-2465
45 Not Verified	
46 Pope David L [H]	
47 Multz Janet A [H]	343-4976
48 [H] Green Laron	348-8339
49 Not Verified	
50 Lehl Jerry D [H]	341-2341
51 [H] Gruis Paul T	341-3270
52 Not Verified	
53 Haga Russell M [H+] [H]	342-1627
54 Denison Mark [H]	343-3280
54 Denison Shaun	343-3280
55 Kosola Dorothy [H]	342-4472
56 Clements Carl E & Dorothy [H+] [H]	341-4283
57 Johnson Gerald D & Lou Ann [H+] [H]	343-9286
58 Vesely J [H]	348-8706
59 Bonebrake C Lloyd & Margret [H]	342-2577

CHICAGO ST E	cont'd
60 Sheely Cynthia A [H]	342-4139
61 Sumner Wayne E & Carol [H+] [H]	348-1576
62 Not Verified	
23 PLEASANT ACRES MOBILE HOME PARK (OFC)	342-8177
914 A & B WELDING SUPPLY	343-5365
920 JOE'S BODY SHOP auto body repair & painting	342-5684
920 1/2 PUCKETT DRYWALL CONSTRUCTION	342-2433
1022 Not Verified	
1102 WORLD CLASS MOVERS moving & storage	341-6290
+ CABBELL ST INTERSECTS	
BUSINESSES 14	HOUSEHOLDS 88
CHICAGO ST W - FROM 417 WHITEWOOD ST WEST 4 NORTH OF W MAIN ST	45
- ZIP CODE 57702	
+ DEADWOOD AV INTERSECTS	
2425 T W S POWER PRODUCTS INC	348-8983
2433 [H] Reindl Sheri	342-9272
A BANKERS LIFE & CASUALTY COMPANY	342-7051
2435 B LIFE SECURITY AGENCY ins agcy	343-5997
2437-2445 Not Verified (2 Hses)	
2449 CELLULAR ONE mobile phones	348-8800
2453-2455 Not Verified (2 Hses)	
2475 NATIVE AMERICAN HERITAGE ASSOC	341-9110
2491 RAPID CHOICE T V microwave cable t v	348-6255
2493 Not Verified	
2495 AUTOMATED WAGERING INC lotto machine repair	342-1488
2497 K C L O TV	341-1500
MIDCO COMMUNICATIONS	348-7444
+ SHEFFER ST INTERSECTS	
2501 WATER-N-BED STORE water beds	342-8113
2511 STONE'S FURNITURE	342-2202
2525 MUDJACK OF RAPID CITY	343-2819
2900 BIRDSALL SAND & GRAVEL CO	342-9250
3121 BLACK HILLS HOME BUILDERS ASSN assoc	348-7850
+ 32D ST INTERSECTS	
3306 CAR WASH WEST auto washing & polishing	
3220 Vacant	
3280 IMPORT SERVICE auto repr serv	342-3003
+ FEDERAL AV INTERSECTS	
3333 FAMILY THRIFT CENTER INC groceries & meats-retail	348-1377
3340 CROSSROADS AUTO BODY INC repr	342-2103
3570 CAR CONNECTION	343-1012
+ WEST RAPID ST INTERSECTS	
+ READWOOD AV INTERSECTS	49
3637 Talcher Maxine M [H+] [H]	342-3449
+ TRAILVIEW DR INTERSECTS	
3641 Osterholt Floyd E & Margaret [H+] [H]	343-9385
3842 Eggum Lawrence R & Brenda [H]	342-3437
3704 Geyer John R & Marda [H]	348-7448
+ TRAILVIEW DR INTERSECTS	
+ N PLATTE INTERSECTS	
3708 Amende Norman R [H]	341-2582
3709 Teal Herbert G & Nance [H]	341-3372
3713-3723 Not Verified (3 Hses)	
3729 Vacant	
3801 Logsdon Rev Glyndon & Nannie [H+] [H]	342-8613
Logsdon Haskel	342-8613
Stolz Fern	342-8613
3803 Not Verified	
3807 Meier Lola M [H+] [H]	348-1309
Meir Robert	348-1309

W CHICAGO ST	cont'd
+ 39TH ST INTERSECTS	
3811 England David J & Lee Anne [H+] [H]	342-2122
3814 Vacant	
3820 Buettner Genevieve D [H]	343-4011
3901 Brown Florence G [H]	342-2271
Brown Tom A	342-2271
3902 Kalton Loren J & Melinda [H+] [H]	343-5522
3903 Gough Richard W & Pamela [H]	341-1961
3908 Not Verified	
3911 Vacant	
3914 Not Verified	
3924 Vacant	
3928-3929 Not Verified (2 Hses)	
3934 Vacant	
4001 Holland Dennis K [H+] [H]	343-9168
4002 Not Verified	
4008 Hanson Connie E [H]	348-7365
4009 Not Verified	
4013 Barlow Michael G & Carmen [H]	348-5550
4017 Mueller Paul F & Hazel [H+] [H]	342-8820
4018 Jenkins Larry K & Shelly [H]	342-7656
+ CUL-DE SAC	
4021 Not Verified	
4024 Tatum Alberta [H+] [H]	343-5610
Tatum Jewel L.	343-5610
4025 Dyk Sherman H & Helen [H]	341-5150
Dyk James	341-5150
4029 Anderson Frederick T & Joanne [H]	343-7745
Anderson Aaron H.	343-7745
4034 Not Verified	
4035 De Bear Herbert L & Leota [H+] [H]	343-5820
4042 Holmes Nathan A [H+] [H]	348-3140
Holmes Tim	348-3140
4105 Thares Louis M & Aileen [H+] [H]	343-1743
4109 Elland Lyda M [H+] [H]	343-6800
+ 40TH ST INTERSECTS	
4113 Cohn David W & De Ann [H]	399-9647
4116 Not Verified	
4119 Smolik Mike & Robin [H]	342-7420
4122 Not Verified	
4123 Vacant	
4202 Daniels Albert A & Joan [H+] [H]	348-7887
Daniels Debbi D.	348-7887
4205 Not Verified	
4208 Wright C M [H+] [H]	342-7383
4209 Kinzer Marilyn L & Joni [H+] [H]	348-6583
4214 Taylor Marion A & Cleone [H+] [H]	342-8135
4215 Not Verified	
4218 Vacant	
4219 Hartmann Chester D & Shreda [H+] [H]	348-8581
4223 Thompson Cheri L [H]	399-1811
4224 Smith Charles E & Mary [H+] [H]	343-3446
4227 Not Verified	
4232 Meisner Cindy A [H]	343-3498
+ 42D ST INTERSECTS	
4301 Not Verified	
4302 Marrs Rev James D & Jean [H]	348-3429
4309 Vacant	
4310 Not Verified	
4316 Malrose John H [H]	343-6537
4319 De Leeuw Lillian G [H]	343-3224
4320-4323 Not Verified (2 Hses)	
4326 Schacht Gerald L & Joan [H+] [H]	342-4724
4334 Parker Charles E [H+] [H]	343-1513
+ N 44TH ST INTERSECTS	14
4504 SOUTH CANYON POOL CORNER INC day care cntr	341-2222
+ GRAY DR INTERSECTS	
4513 Not Verified	
4514 Donahue Doug A & Judy [H]	341-4290

ARROWHEAD DRIVEWAY ROCK
 CRUSHED ROCK - HYDRATED LIME
 QUICK LIME - CONCRETE AGGREGATE
 FAX (605) 342-6979
 Telephone: 342-7224

THE COMPUTERIZED VERSION OF YOUR CITY DIRECTORY.
 For more information
 about InfoTYPE, call 1-800-732-0072

INFO TYPE

S CHICAGO ST - CHIEF DR

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S CHICAGO ST Cont'd

301 FALL RIVER AUTO SUPPLY auto parts & suppl-retail-new605-745-4204
Nowlan Gwendolyn C [T]
Nowlan Phyllis I
307 PERMANENT SOLUTION beauty salons605-745-4004
309 Peters Roxie L [R]
310 Schultz Ronald G Sr [R]605-745-6553
Schultz Kay L605-745-6553
323 Not Verified
329 Piper Roland W [R]605-745-4800
329 12 Lohley Sean A [R]
330 BLACK HILLS FEDERAL CU federally chartered credit union605-745-4212
334 BLACK HILLS TOWERS buildings-metal605-745-3587
338 STATE FARM INSURANCE insurance605-745-4200
342 Keadling P L [R]605-745-4758
WEST RIVER MONUMENT CO monuments605-745-5886
343 FIRST WESTERN BANK-HOT SPRINGS banks605-745-6060
348 Not Verified
385 Compton Bert R [R]
Compton Betty
+ BALTIMORE AVE INTERSECTS
402 HOT SPRINGS AUTOMOTIVE auto parts & suppl-retail-new605-745-5154
406 - 442 Not Verified (3 Hses)
+ CANTON AVE INTERSECTS
+ S 6TH ST INTERSECTS
* ZIP CODE 57747 CAR-RT R002
701 Not Verified
706 Hammer Ernest H [R]605-745-4023
Hammer Bonnie F605-745-4023
709 7 Not Verified
710 Oneleather Eloise [R]605-745-5575
Oneleather Isaac605-745-5575
6 Marchant Pamela L [R]605-745-6106
738 Not Verified
742 Giedd Valerie L [R]605-745-3806
745 O'Bryan Betty W [R]605-745-7923
802 Huston Sharon K [R]605-745-5183
804 Schmidt Theresa L [R]
Schmidt Wesley W
837 [R] Stein John605-745-6992
9 Trainor Donald R
9 Trainor Frances C
638 Watts Connie C [R]605-745-5612
Watts Betty L605-745-5612
+ FLINT AVE ENDS
901 Brown Bob [R]605-745-3862
902 [R] Doncheske Lance605-745-7164
904 Herman Stacy [R]605-745-5386
906 Hamaker Bob L & Roseellen M [T]605-745-6168
907 Not Verified
910 [R] Gross Frances605-745-7218
915 [R] Ottenson Tony605-745-3506
945 Donnafield Viola [T]605-745-5533
Donnafield Gene J605-745-5533
947 Rima Ralph C & Ruth R [R]605-745-6787
1004 Wilson Oliver J & Carol L [R]605-745-7244
+ GALVESTON AVE ENDS
1037 Thompson Robert I & Loretta J [R]605-745-3926
1042 Kramer Joseph & Connie R [R]605-745-7412
1140 Wilson Hurley C [T]605-745-5665
+ HOUSTON AVE INTERSECTS
+ INDIANAPOLIS AVE INTERSECTS
BUSINESSES 19 HOUSEHOLDS 43

W CHICAGO ST (RAPID CITY)-FROM 101 N

48TH ST WEST

+ MOUNTAIN VIEW RD CONTINUES

+ DEADWOOD AVE INTERSECTS

+ W OMAHA ST INTERSECTS

* ZIP CODE 57702 CAR-RT C023

2425 POWERHOUSE HONDA lawn mowers

2433 FARM BUREAU INSURANCE insurance

Jasper Jeff I [R]605-341-7600

C COMPUTER NETWORK SVC computers

Holland Kevin K605-342-3506

2437 BLACKHAWK STORAGE storage

A DESIGNER MORTGAGE real estate loans

2449 AFLAC insurance605-721-4028

2455 MINE SAFETY ADM government offices-us

2465 AMERICAN CANCER SOCIETY social serv

BAREIS ENGINEERING INC engineers-civil

2485 IKON OFFICE SOLUTIONS INC copying/

2491 FISCHER ROUNDS & ASSOC INC insurance

PRORATE 48 SVC truck-permit serv

QUALITY TRUCK INSURANCE insurance

2495 AUTOMATED WAGERING INTL INC

RUSHMORE ORTHODONTIC LAB

laboratories-dental605-341-7788

+ SHEPHERD ST INTERSECTS

2501 HRS FOOD SVC food serv- distributors

2511 STONES FURNITURE furniture-mfrs

2525 SOUTH DAKOTA OVERHEAD DOORS doors

+ RAILROAD CROSSES

2900 BIRDSALL SAND & GRAVEL CO ready-

mixed concrete-mfrs605-342-9250

CENTRAL MIX concrete-ready mixed

+ N SAINT ONGE ST INTERSECTS

3121 BLACK HILLS HOME BLDGS ASSOC non-

profit org605-348-7850

3220 ASSOCIATED DENTAL LAB laboratories-

dental605-343-7437

TRAVEL TABS laboratories-dental

+ 32ND ST INTERSECTS

3280 IMPORT SERVICE auto rpr & serv

+ FEDERAL AVE BEGINS

3333 SOUTH CANYON BAPTIST CHURCH

churches342-9000

3340 CROSSROADS AUTO BODY auto body- rpr

& painting605-342-2103

DAVIS AUTO auto drs-new cars

+ W RAPID ST INTERSECTS

3400 PRIVATE STOCK OF RAPID CITY auto dis-

used cars605-394-9496

+ NORTHWEST AVE BEGINS

3500 HERITAGE NURSERY INC nurserymen

3570 CAR CONNECTION INC auto dis-used cars

* ZIP CODE 57702 CAR-RT C025

3621 [R] Wolf Jason & Mala605-718-2098

1 Not Verified

2 [R] Brehm Leroy W605-342-1671

2 [R] Brehm Diane C605-342-1671

3 Madden Diane N [R]605-718-0965

4 Not Verified

5 Holhenke Tanya R [R]605-348-9791

3637 [R] Simon Brent J & Jackie605-348-9791

3642 Eggum Lawrence R & Brenda S [T]605-342-3437

+ STURGIS RD INTERSECTS

3704 Not Verified

+ S TRAIL VIEW DR BEGINS

+ TRAILVIEW DR BEGINS

3708 Amende Norman R & Norma J [R]605-343-7929

3709 [R] Conway Sarah A605-342-4863

3713 Kams Douglas M & Linda A [R]605-342-4863

3719 Sharkey Howard W & Jean M [T]605-721-8640

3723 [R] Wasson Cynthia605-721-8640

3729 Gallego Sheryl L [R]605-721-8640

Lookingelk Simon P [T]605-341-1961

Lookingelk Lavonne J605-341-1961

+ PLATT ST INTERSECTS

+ N PLATT ST BEGINS

3801 Goldmaster Todd A & Sandra E [R]605-721-3837

3803 Smith Bradley J & Mary A [R]605-721-3837

+ N 39TH ST INTERSECTS

3811 Fleming John P [R]605-343-2834

Fleming Sacressa A605-343-2834

3814 Regelin Shane A [R]605-721-9315

3820 Not Verified

* ZIP CODE 57702 CAR-RT C014

3901 Brown Florence G [R]605-342-2271

Brown Thomas A605-342-2271

3902 Not Verified

3903 Gough Richard W & Pamela J [T]605-341-1961

3908 Not Verified

3911 [R] Mertens Ronald W Jr605-718-9388

Mertens Bobbi605-718-9388

3914 Muck David M [R]605-394-0155

3924 Not Verified

3928 Brower Raymond T & Mona L [R]605-721-8897

3929 [R] Cox Jason605-342-8115

3934 Not Verified

4001 Holland Dennis K [R]605-343-9168

Holland Kevin K605-343-9168

4002 Not Verified

4008 Hanson Constance F [R]605-721-9465

4009 Conrad Albert L Jr & Beverly G [R]605-394-9147

4013 Murphy Harold W [R]605-355-0323

Murphy Wes605-355-0323

4017 Mueller Paul F [R]605-342-8820

Mueller Stan F605-342-8820

4018 - 4021 Not Verified (2 Hses)

4024 Werner Nick K & Marcia A [R]605-342-1172

4025 [R] Duvan James M605-342-1172

Duvan David W605-721-4029

4029 Anderson Frederick T & Joanne S [R]605-721-4029

4034 Not Verified

4035 Blakeman Daryl T & Nicole S [R]605-716-7445

4042 Not Verified

4105 Thares Louis M [R]605-343-1743

4109 Elland Arthur A & Lyda M [R]605-343-6600

+ N 40TH ST INTERSECTS

4113 Malik April M [R]605-721-9759

Malik Birmende K605-721-9759

4116 Clanton Charles W [R]605-718-2260

Clanton Rodney R605-718-2260

W CHICAGO ST Cont'd

4119 [R] Whitford Chase D605-721-1387
Whitford Leslie J605-718-1313
4122 [R] Leander Jason605-721-1387
4123 Nelson Nick [R]605-718-1313
4202 Daniels Albert A III & Joan E [R]605-348-7887
4205 Not Verified
4208 Boetel Ray E & Brenda K [R]605-342-8622
4209 Fields Robert J [R]605-716-1172
4214 Not Verified
4215 Wright Patrick J [R]605-716-1172
Wright Vesper A605-716-1172
4218 Not Verified
4219 Hartmann Chester D [R]605-348-8581
Hartmann Alan L605-348-8581
4223 Not Verified
4224 Smith Charles E [R]605-343-3446
Smith Mike605-343-3446
4227 [R] Jensen Christine605-718-0141
4232 Davis Karen R [R]605-348-9987
Davis Stacy R605-348-9987
+ 42ND ST INTERSECTS
+ N 42ND ST BEGINS
4301 Caswell Dorisann E [R]605-343-8539
4302 Marrs James D Sr & Jean C [R]605-718-4429
4309 Karlen Ruth A [R]605-716-1578
Yeske Ruth A [R]605-716-1578
4310 Not Verified
4316 Morrow Morgan M [R]605-719-9240
Morrow Inez M605-719-9240
4319 Not Verified
4320 Speltz Cathryn A [R]605-721-6776
4323 Dittel Ruth M [R]605-342-7791
Dittel Theodore G605-342-7791
4326 Sill Lisa M [R]605-721-9762
4334 Parker Dorothy S [R]605-388-0752
4335 Hyland Sherril L [R]605-388-0752
+ 44TH ST INTERSECTS
+ N 44TH ST INTERSECTS
+ S CANYON RD INTERSECTS
4504 KID'S KASTLE WEST non-profit org605-348-9731
+ GRAYS DR ENDS
4513 [R] Schroeder Richard J & Denise L605-341-4290
4514 Donahue Douglas A & Judy A [R]605-399-3224
4521 [R] Rudd Melissa605-718-2282
4526 Pugh Lloyd K [R]605-399-3224
Pugh Brel J605-718-2282
+ SEASIDE ST ENDS
4530 Not Verified
4531 Townsend Lois M [R]605-716-5764
4534 [R] Gager Lisa605-718-7731
4604 Krueger David V & Linda I [R]605-716-3338
+ STATON PL BEGINS
4615 Abdallah Michael B Sr & Janet K [R]605-341-3907
4621 [R] Trimble John & Tracey605-721-5059
4622 Treick Bernice W [R]605-342-4107
4624 Denotter Scott A [R]605-342-7268
Denotter Ary S605-342-7268
4625 Stueckrath Russell D & Kathy A [R]605-721-9049
4631 Guffey Dwight M [R]605-342-6408
Guffey Pauline L605-342-6408
4635 Martin David R & Teresa A [R]605-348-7783
4636 Wainhaus Roger R [R]605-341-6012
Wainhaus Angie M605-341-6012
+ N 48TH ST BEGINS
4703 Neubert Eugene H & Shirley N [R]605-342-3116
4709 [R] Blackett Michael D605-348-3902
+ WEDGEWOOD DR INTERSECTS
4802 PINEDALE PRESCHOOL schools605-343-4200
4804 Not Verified
4810 Trapp Richard D & Justine E [R]605-721-4415
4816 Nitzger Beverly S [R]605-348-3902
Nitzger Mark R605-348-3902
+ SAN MARCO BLVD INTERSECTS
4901 PINEDALE ELEMENTARY SCHOOL schools605-394-1805
4902 Doom Timothy J & Charlene M [R]605-348-0510
4910 [R] Muel Karim H605-342-8267
4916 Neubert David E & Paula E [R]605-343-0859
4920 Sartorius Donald L & Jennifer J [R]605-399-1445
4926 INTERNATIONAL BUILDERS EXCH
business & trade org605-341-3380
Nagel Shawn O & Fern N [R]605-342-7529
4932 [R] Trucano A605-718-3627
+ BERRY BLVD INTERSECTS
5008 Kingsbury Garold O & Marion O [R]605-342-5645
5014 Naeve Martin M [R]605-343-3667
5021 Annicchianco Ralph R & Julie S [R]605-348-0553
5028 Deyo Judy L [R]605-355-6995
+ PINEDALE DR BEGINS
5029 Not Verified
5030 Airheart Robert J & Rose M [R]605-348-6556

W CHICAGO ST Cont'd

5033 Gulk David M & Barbara E [R]605-342-5397
+ N BERRY PINE RD INTERSECTS
+ S BERRY PINE RD INTERSECTS
BUSINESSES 34 HOUSEHOLDS 115

W CHICAGO ST Cont'd

5033 Gulk David M & Barbara E [R]605-342-5397
+ N BERRY PINE RD INTERSECTS
+ S BERRY PINE RD INTERSECTS
BUSINESSES 34 HOUSEHOLDS 115

CHICKADEE CT (BOX ELDER) FROM 617

THUNDERBIRD DR NORTH

* ZIP CODE 57719 CAR-RT R001

201 Wells William E & Deborah L [R]605-923-3639

202 - 203 Not Verified (2 Hses)

204 Schmid John F [R]605-923-4795

Schmid Tammy J605-923-4795

205 Ramp James D & Pamela J [R]605-923-7059

HOUSEHOLDS 5

CHICKADEE CT (WHITEWOOD)

CHICKADEE LN (CUSTER)

* ZIP CODE 57730 CAR-RT R002

24921 Hachmeister Kevin J & Kris [R]605-673-3389

24927 Peterson Kathleen [R]605-673-2158

24929 Cruise Roger A [R]605-673-2158

Cruise Robinette

HOUSEHOLDS 3

CHICKEN CREEK RD (SPEARFISH)

* ZIP CODE 57783 CAR-RT R001

10307 [R] Cooper Dan & Debra K605-642-3262

10582 [R] Bryan Roland P Jr605-642-7064

10700 [R] Evans Robert J

Evans Lorissa K

HOUSEHOLDS 3

CHIEF DR (RAPID CITY)-FROM 617

NORTHBRIDGE DR NORTH

* ZIP CODE 57701 CAR-RT R010

3324 Stedille Sheldon L [R]605-348-8754

Stedille Jason605-348-8754

3400 Forbes Gerald L [R]605-348-4694

Forbes Kevin H605-348-4694

3411 Marquardt Richard D [R]605-355-0143

3412 Powers Michael T [R]605-341-7003

3421 Tripp Vicki J [R]605-341-7003

Tripp Terry D605-341-7003

+ BONNA VILLA DR INTERSECTS

+ BONNA VILLA DR CONTINUES

+ NORTHBRIDGE DR INTERSECTS

3504 [R] Amiotte Dina605-737-1295

Amiotte Mike605-737-1295

3505 Pulse Philip G [R]605-343-1581

3508 [R] Hubbard Bj605-343-1581

3509 Torres Tina L [R]605-348-6923

Torres Daniel D605-348-6923

3513 Lanoue Joseph A & Margaret A [R]605-341-6392

3518 Pinnow Betty J [R]605-341-6392

3604 Not Verified

3607 Buskohl David H & Tamara R [R]605-399-2543

+ MAGNOLIA DR ENDS

3608 Not Verified

3612 Roll John S [R]605-341-3793

Roll Kathleen I

SACRED VOWS WEDDING SVC wedding

chapels605-399-2543

3615 Not Verified

+ FLAMINGO DR INTERSECTS

3703 [R] Flora Jim605-343-0094

3704 Cartney Donald R & Roseann A [R]605-342-2849

3708 Steadman Darnon M & Jennifer [R]

S CHICAGO ST - CHICKEN CREEK RD

72

S CHICAGO ST Cont'd

Haessler Stacy [A]	
329 Piper Roland W [14]▲	605-745-4800
Piper Drake	605-745-4800
330 BLACK HILLS FEDERAL CU federally chartered credit unit	605-745-4212
330 1/2 MADAME D'S HAIR SALON beauty salons	605-745-7785
334 CHICAGO PETIQUE pet washing & grooming	605-745-5486
338 DICK SHEARER INSURANCE INC insurance	605-745-4200
339 FALL RIVER COUNTY FARM SVC government offices-county	
US CONSOLIDATED FARM SVC AGCY federal government	
341 NATURAL RESOURCES CONSERVATION federal government	605-745-5716
342 WEST RIVER MONUMENT CO monuments	605-745-5886
343 FIRST WESTERN BANK-HOT SPRINGS banks	605-745-6060
346 No Current Listing	
+ BALTIMORE AVE INTERSECTS	
402 STURDEVANT'S PRONTO AUTO PARTS auto parts & suppl-	
retail-new	605-745-5154
406 Johnson Nicole [3]	605-745-6910
Johnson Trent W	605-745-6910
438 SNEAKY'S CHICKEN TO GO restaurants	605-745-3626
442 HIDE AWAY CABINS nonclassified establishments	605-745-5683
Kelllogg Douglas A & Bonnie S	
+ S 6TH ST INTERSECTS	
+ S 6TH ST INTERSECTS	
+ EVANSTON AVE CONTINUES	
* ZIP CODE 57147 CAR-RT R002	
701 Hammer Diane A [13]▲	
705 [E] Eiten Christina	
706 Hammer Ernest H & Mildred A [34]▲	605-745-4023
709 6 Cain Erna J [6]	
6 Marchant Pamela L [9]▲	
7 Vandewalker Wanita M [16]	605-745-3440
7 Vandewalker Frank	605-745-3440
710 Marchant Pam [3]	605-745-6106
738 [E] Beeman Janice J	605-745-4321
742 [E] Seagrist Brenda	605-745-7987
746 O'Bryan Betty W [12]	605-745-7923
802 Huston Sharon K [13]▲	605-745-5183
804 [E] Jurgens Teresa	605-745-4337
830 [E] Heintzelman Rich & Lisa	605-745-6070
SOUTHERN HILLS PHOTOGRAPHY photographers-commercial	605-745-3080
837 [E] Lemire Michelle	605-745-4691
7 Green Michele J [2]	
7 Green Christina	
9 [E] Jirsa Kathi M	605-745-7552
842 Ulland Heather [5]	
+ FLINT AVE ENDS	
901 Brown Robert R [13]▲	605-745-3862
Brown Leona	605-745-3862
NATIONAL FEDERATION-THE BLIND support groups	605-745-5599
902 No Current Listing	
904 Herman Stacy [7]	605-745-5386
906 - 907 No Current Listing (2 Hses)	
910 Gross Frances [9]	605-745-7218
915 - 945 No Current Listing (2 Hses)	
947 Smith Leroy E Sr [3]	
Smith Linda L	
1004 Wilson Oliver J & Carol L [6]▲	605-745-7244
+ GALVESTON AVE INTERSECTS	
1037 No Current Listing	
1042 [E] Lathrop Matthew & Amanda	605-745-4177
1048 Miller Claude N & Sue E [2]	605-745-4750
1140 Wilson Hurley C & Myrna L [16]▲	605-745-5665
+ HOUSTON AVE BEGINS	
+ HOUSTON AVE CONTINUES	
+ INDIANAPOLIS AVE INTERSECTS	
BUSINESSES 48	HOUSEHOLDS 46

W CHICAGO ST (RAPID CITY)

* ZIP CODE 5702 CAR-RT C023

2425 POWER HOUSE HONDA engines-gasoline	605-348-8983
2433 No Current Listing	
A P B & J ACCOUNTING INC acctg & bkpg genl serv	
	605-355-0783
B FARM BUREAU INSURANCE insurance	605-341-7600
C COMPUTER NETWORK SVC INC computers	605-342-3506
2437 MASTERS AWARDS & EMBROIDERY embroidery	605-343-5315
2445 MX CONNECTION motorcycles & motor scooters	605-718-9727
2447 GOLD PAGE'S PUBLISHING INC yellow pages- publishers	605-342-6200
2455 MINE SAFETY ADMINISTRATION government offices-us	605-348-2076
2465 AMERICAN CANCER SOCIETY associations	605-342-7740
2485 IKON OFFICE SOLUTIONS INC copying/duplicating mach/supl	605-341-6694
2491 FISCHER ROUNDS & ASSOC INC health serv	605-737-7865
PRORATE 48 insurance	605-341-8887
QUALITY TRUCK INSURANCE insurance	605-341-8887
2495 Hall Carl B [11]	
RUSHMORE ORTHODONTIC LAB laboratories-dental	605-341-7786
SCIENTIFIC GAMES computer software- mfrs	605-342-1488
2497 INTERTRIBAL BISON COOPERATIVE native american reservations/s	605-394-9730
2501 HRS FOOD SVC restaurant equip/supl	605-342-7611
2511 DAKOTA BISON FURNITURE furniture-dirs-retail	605-342-2202
STONES FURNITURE furniture-dirs-retail	605-342-2202
2900 BIRDSALL SAND & GRAVEL ready- mixed concrete-mfrs	605-342-9250
3121 BLACK HILLS HOME BLDRS ASSN home builders	605-348-7850
3200 CENTRAL MIX concrete- ready mixed	605-394-7241

W CHICAGO ST Cont'd

3205 BLACK HILLS BUILDERS SUPL INC windows	605-721-1846
FLOOR TO CEILING carpet & rug dirs- new	605-721-1845
LIGHTING ETC lighting fixtures-retail	605-721-1847
3220 ASSOCIATED DENTAL LAB laboratories-dental	605-343-7437
CONTEL CELLULAR SALES cellular telephones	605-390-2355
TRAVEL TABS business serv	605-343-9539
3280 SOUTH DAKOTA OVERHEAD DOORS doors-garage	605-355-1500
3306 CLASSIC CAR WASH car washing & polishing	605-718-5130
3333 SOUTH CANYON BAPTIST CHURCH churches	605-342-9000
3340 CROSSROADS AUTO BODY INC auto body- rpr & painting	605-342-2103
DAVIS AUTO auto dirs-new cars	605-348-7800
3400 PRIVATE STOCK OF RAPID CITY auto dirs-used cars	605-394-9496
3500 HERITAGE NURSERY nurserymen	605-343-8559
* ZIP CODE 5702 CAR-RT C025	
3621 4 Hopkins Thomas E [3]	
5 [E] Ironcloud Irene A	
3637 [E] Bunkers Brooke A	
3641 No Current Listing	
3642 Eggum Lawrence R & Brenda S [17]▲	605-342-3437
+ N HIGHWAY 79 INTERSECTS	
+ STURGIS RD INTERSECTS	
3704 [E] Tjeerdsmas Josh	605-721-4069
3708 Amanda N R [6]	605-343-7929
3709 Conway Sarah A [6]	
3713 Karns Douglas M & Linda A [15]▲	
3719 Sharkey Howard W [16]▲	605-721-7646
3723 Wasson Cynthia [6]	605-721-8640
Wasson Audra	605-721-8640
3729 Elk Simon L [16]▲	
+ S TRAILVIEW DR BEGINS	
+ PLATT ST INTERSECTS	
3801 Hatten Lisa [3]	605-718-0934
Hatten Peter E	605-718-0934
3803 Smith Bradley J & Mary A [14]▲	605-721-3837
3807 No Current Listing	
3811 Wolf Stevie [2]	605-716-1151
Wolf Stephanie S	605-716-1151
3814 Stillman Mary A & Robert H [2]	605-343-1575
3820 No Current Listing	
* ZIP CODE 5702 CAR-RT C014	
3901 Brown Florence G [16]▲	605-342-2271
Brown Thomas A	605-342-2271
3902 Carver Mari A [23]	
3903 [E] Fiedler Sara L	
Trelor Eric D	605-348-1634
3908 Antip Robert E [21]▲	
Antip Tyler	
3911 No Current Listing	
3914 [E] Diffley Thomas M Sr	
3924 No Current Listing	
3928 [E] Knock Rorie	
3929 Jacques Robert E [1]	
3934 No Current Listing	
4001 Holland Dennis K & Mary M [36]▲	605-343-9168
4002 Hoevel Bradley [2]	605-721-9727
4008 Hanson Constance E [18]▲	605-721-9465
4009 Conrad Albert L Jr [19]▲	605-394-9147
4013 Murphy Harold W & Kathy W [12]▲	605-355-0323
4017 Mueller Paul F & Hazel R [10]▲	605-342-8820
4018 Jenkins Shelley R [16]▲	605-721-3950
4021 [E] Johnson Brant	605-791-2974
4024 Werner Nick K [12]▲	605-342-1172
4025 Capler Mardell M [15]	
4029 Anderson Frederick T & Joanne F [31]▲	605-721-4029
4034 [E] Schott Marissa N	
Zachow Roland B	
4035 Blakeman Daryl T & Nicole S [12]▲	605-716-7445
4042 No Current Listing	
4105 Thares Allen E [16]▲	605-343-1743
4109 Elland Arthur A & Lydia M [14]▲	605-343-6600
4113 McGuffey Sam E [9]	605-341-1106
McGuffey T	605-341-1106
4116 Clanton Charles W & Marilyn C [19]▲	605-721-9937
4119 [E] Contreras Rochelle M	
Contreras Saul	
4122 [E] Knutson Shelby	
4123 No Current Listing	
4202 Daniels Joan E [27]▲	605-348-7687
4205 No Current Listing	
4208 Boetel Ray E [9]▲	605-342-8622
Boetel Jessica R	605-342-8622
4209 Fields Robert J [12]▲	
4214 Weedo William H [2]	
Weedo Lucille R	
4215 No Current Listing	
4218 [E] Vanorden Gary W & Patricia A	605-341-2550
4219 Hartmann Shreda M [27]▲	
Thompson Cheryl L	
4223 No Current Listing	
4224 Smith Mary L [35]▲	605-343-3446
Smith Michael W	605-343-3446
4227 [E] Reed Dawn	605-791-0548
4232 Davis Karen R [11]▲	605-348-9987
Davis Casey J	605-348-9987
4301 Caswell Dorisann E [30]▲	
4302 Marrs James D Sr [13]▲	605-718-4429
4309 Karlen Ruth A [19]▲	605-716-1578
Yeske Ruth A [17]▲	
4310 Wilson Maureen C [8]	
4316 Morrow Morgan M [6]	
Morrow Inez M	
4320 - 4323 No Current Listing (2 Hses)	
4326 [E] Gatzke Brandon	
Gatzke Heidi	

W CHICAGO ST Cont'd

4334 [E] Erhart Michael J	
4335 Haynes James M & Sherri L [6]▲	605-388-0752
+ N 44TH ST INTERSECTS	
+ 42ND ST INTERSECTS	
+ 44TH ST INTERSECTS	
4504 KIDS KASTLE INC child care serv	605-341-2222
+ GRAYS DR ENDS	
+ S CANYON RD INTERSECTS	
4513 Schroeder Richard J & Denise L [6]▲	605-718-7876
4514 Donahue Douglas A & Judy A [16]▲	605-341-4290
4520 [E] Abernathie Trevor J▲	
4521 Blade Tawnya S [8]▲	
+ SEEAIRE ST INTERSECTS	
4526 Parsons Donald [2]▲	
Parsons Karen	
4530 Elliott Dennis L [7]▲	605-718-1105
4531 Townsend Lois M [34]▲	605-716-5764
4534 Graeger Lisa D [6]▲	605-716-7731
4604 Krueger David W & Linda L [21]▲	605-716-3338
4615 Abdallah Michael B Sr & Janet K [27]▲	605-341-3907
4621 [E] Weimer Carissa	605-718-7737
4622 Treck Bernice W [35]▲	605-342-4107
Treck Bernie	605-342-4107
4624 [E] Mangrum Derrick▲	
4625 No Current Listing	
4631 Guffey Dwight M [17]▲	605-342-8408
Guffey Paulina L	605-342-8408
4635 Martin David R & Teresa A [26]▲	605-348-7783
4636 [E] Koupal Andrew▲	
4703 Osterbur Jerrieh [4]▲	
Wenberg Linda S	
4709 Freeman Peter G & Emily [7]▲	605-718-4164
+ N 48TH ST BEGINS	
+ WEDGEWOOD DR INTERSECTS	
4802 PINEDALE PRESCHOOL schools	605-343-4200
4804 No Current Listing	
4810 Trapp Richard D & Justine E [26]▲	605-721-4415
4816 Thompson Michael T [9]▲	
Thompson Heather C	
4901 PINEDALE ELEMENTARY SCHOOL schools	605-394-1805
4902 Doorn Timothy J & Charlene M [16]▲	
4906 McGill William B [35]▲	605-348-0510
4910 Muci Karim H [9]▲	605-342-8267
Muci Alejandra C	605-342-8267
4916 Neubert David E & Paula E [17]▲	605-343-0859
4920 Sartorius Donald L & Jennifer J [7]▲	605-716-1445
4926 Nagel Shawn O & Fern N [24]▲	605-342-7529
4932 Webster Anthony L & Kim [9]▲	605-718-5296
5008 Kingsbury Harold O [15]▲	
5014 No Current Listing	
5021 Annicchiarico Ralph R & Julie S [25]▲	605-348-0553
5026 No Current Listing	
5029 Ruffledt Kelly [2]▲	
5030 Airheart Robert J & Beverly I [14]▲	605-348-6556
5033 Guik David M & Barbara E [27]▲	605-342-5397
BUSINESSES 38	HOUSEHOLDS 114

CHICKADEE CT (BOX ELDER)-FROM 617 THUNDERBIRD DR NORTH

* ZIP CODE 57119 CAR-RT R001

201 Wells William E & Deborah L [8]▲	605-923-3639
202 Styles Rich & Sandi [4]	605-923-6494
203 No Current Listing	
204 Eggleston Michael R [4]	
Eggleston Monica	
205 Jacobson Terri [3]	
Jacobson Marc	
HOUSEHOLDS 5	

CHICKADEE CT (STURGIS)

* ZIP CODE 57785 CAR-RT H055

12176 - 12179 No Current Listing (2 Hses)	
12181 Kinney Dean L & Toni E [3]▲	605-347-7500
12182 Finkentiner Dwain & Elmer [9]▲	605-347-9171
HOUSEHOLDS 4	

CHICKADEE LN (BLACK HAWK)-FROM 7601 DOVE LN NORTHWEST

* ZIP CODE 57118 CAR-RT R002

8115 Cole James L [24]▲	605-787-5780
8116 No Current Listing	
+ DOVE LN BEGINS	
8211 Wahl Douglas D & Ruth A [17]▲	605-787-4779
8212 Kramer Randy L & Linda K [4]▲	605-721-0801
8216 Lanis Meredith & Scott E [2]▲	605-791-2956
8217 Sweet Michael A & Cindy L [12]▲	605-787-4866
8221 Anderson Stan B [10]▲	605-787-6642
8225 Mentle Lynda J [27]▲	605-787-5618
HOUSEHOLDS 8	

CHICKADEE LN (CUSTER)-FROM 24921 MICA RIDGE RD

* ZIP CODE 57730 CAR-RT R002

12103 Hachmeister Kevin J & Kris [19]▲	605-673-3389
12123 Colyer Kathleen [9]▲	605-673-2158
Colyer John L	605-673-2158
12127 No Current Listing	
12137 [E] Graf Jennifer	605-673-5236
Graf Dustin	605-673-5236
HOUSEHOLDS 4	

CHICKEN CREEK RD (SPEARFISH)

* ZIP CODE 57783 CAR-RT R001

10307 No Current Listing	
10548 Schwarz David & Shirley [9]▲	605-642-5056
10563 [E] Sleep Dee	
10582 Bryan Roland P Jr [6]▲	605-642-7064
10700 Evans Robert J [10]▲	605-642-8364
Evans Eileen M	605-642-8364
10723 Iron Mitchell J [2]▲	605-722-9642

NEW NEIGHBOR

S CHICAGO ST Cont'd

- 301 CAHQUES1 AUTO PARTS auto parts & suppl. retail-new ✓ @605-745-4204
Witte Hope M ✓ @ (1948)
302 GLASS PRO PLUS glass ✓ @605-745-3222
Hagen Lester E & Terri R @ (1948)
305 D & J PETROLEUM petroleum products-mfrs ✓ @605-745-5959
307 Tesch Lawrence ✓605-745-3806
309 Miller Roxie L ✓
Peters Asa J @
Peters Roxie L
310 ALL STAR SPORTS GRILL restaurants ✓ @605-745-7827
323 BLACK HILLS TOWERS towers ✓ @605-745-3587
Sutton Vickie A ✓ @ (1948)
Sutton Clair
329 Piper Roland W ✓ @ (1948)605-745-3009
330 Mulani Tina ✓
330 1/2 MADAME D'S HAIR SALON beauty salons ✓ @605-745-7785
338 Graves William R @
Graves Renee
STATE FARM INSURANCE insurance ✓ @605-745-4200
339 FALL RIVER COUNTY FARM SVC government offices-county @605-745-5716
US CONSOLIDATED FARM SVC AGCY federal government ✓ @605-745-5716
US COUNTY SVC CTR government offices-us ✓ @605-745-5716
341 FALL RIVER CONSERVATION DIST social serv & welfare org ✓
@605-745-4007
NATURAL RESOURCES CONSERVATION federal government ✓
@605-745-6060
343 FIRST INTERSTATE BANK banks ✓ @605-745-6060
346 PETAL PALACE florists-retail ✓ @605-745-3545
+ BALTIMORE AVE INTERSECTS
402 STURDEVANT'S AUTO PARTS auto parts & suppl. retail-new ✓ @605-745-5154
406 Johnson Trent W & Nicole ✓ @ (1948)
PLUMBING HEATING & A plumbing contractors ✓ @605-745-3328
438 Warren Margaret R ✓ @605-745-4912
442 Kellogg Douglas A @605-745-5828
445 DAKOTAMART GAS serv. stations- gasoline & oil ✓ @605-745-5828
446 No Current Listing
+ S 6TH ST INTERSECTS
+ EVANSTON AVE CONTINUES
+ ZIP CODE 57747 CAR-RT R002
701 Morrison Ken ✓ @
705 McCollough Pam ✓ @
706 Hammer Diane A ✓ @ (1971)605-745-4250
709 Ross Robert & Jennifer ✓605-745-4515
3 Dangler Emily ✓
4 Holloway Norma G ✓ @
5 Rickertsen Jennifer ✓
710 Marchant Pam L ✓ @ (1971)
Oneleather Eloisa @ (1971)
738 Beeman Janice J ✓ @ (1971)605-745-4321
742 Lucy Akeem ✓ @ (1971)605-745-7923
748 O'Bryan Betty W ✓ @ (1971)605-745-7923
802 Fischer Doug A ✓
804 Heisinger Jerry ✓605-745-4940
Heisinger Jan605-745-4940
830 SOUTHERN HILLS PHOTOGRAPHY photographers- portrait ✓ @605-745-3080
837 1 Christensen Mary ✓
2 Frymire Stacy L ✓ @605-745-3900
2 Schmidt Wes W ✓ @605-745-3900
5 Rickertsen Chuck ✓ @
7 Pemberton Mandi @
838 Janis Amy ✓ @605-745-5818
842 Wolsieffer Steve ✓ @ @
+ FLINT AVE ENDS
901 Brown Robert R & Leona M ✓ @ (1971)605-745-3862
902 Rosa Monica K @
904 Lathrop Tom & Cheryl ✓ @ (1971)605-745-5386
907 No Current Listing
910 Gross Frances ✓ @ (1971)605-745-7218
915 No Current Listing
945 Burgess Bea
947 Smith Leroy E Sr & Linda L ✓ @ (1971)
1004 Hankins Maranda L ✓ @
Wilson Oliver J & Carol L ✓ @ (1971)605-745-7244
+ GALVESTON AVE INTERSECTS
1037 Fayette Robert A ✓ @
Fayette Connie
1042 Yellow Thunder Patrick ✓605-745-3416
1048 Miller Claude N & Sue E ✓ @ (1971)605-745-4750
1140 No Current Listing
+ HOUSTON AVE BEGINS
+ INDIANAPOLIS AVE INTERSECTS
BUSINESSES 42 HOUSEHOLDS 53

W CHICAGO ST (RAPID CITY)

- + ZIP CODE 57702 CAR-RT C023
2425 POWER HOUSE HONDA generators-electric ✓ @605-348-8983
2433 A P B & J ACCOUNTING INC acctg & bkpg genl serv ✓ @605-355-0783
B JASPER AGENCY INC insurance ✓ @605-341-3250
2437 MASTERS AWARDS & EMBROIDERY embroidery ✓ @605-343-5315
2445 MX CONNECTION motorcycles & motor scooters ✓ @605-718-9727
2455 MINE SAFETY ADMINISTRATION government offices-us ✓605-348-2076
2465 AMERICAN CANCER SOCIETY associations ✓ @605-342-7740
2475 GOLD PAGES yellow pages- publishers ✓ @605-342-6200

81

W CHICAGO ST Cont'd

- 2485 HICOH USA copying/duplicating mach/supl ✓ @605-341-6694
2491 FISCHER ROUNDS & ASSOC INC insurance ✓ @605-737-7865
PHORATE 48 truck-permit serv ✓ @605-341-8887
2495 A Hall Carl B ✓ @
A RUSHMORE ORTHODONTIC LAB laboratories-dental ✓ @605-341-7788
2497 INTERTRIBAL BUFFALO COUNCIL training programs & serv ✓ @605-394-9730
2501 BLACK HILLS SCUBA diving instruction ✓ @605-341-6550
CASH-WA DISTRIBUTING restaurant equip/supl ✓ @605-342-7611
2511 STONE'S FURNITURE furniture-dlrs- retail ✓ @605-342-2202
2525 SCHOENBERNER ELECTRIC INC electric contractors ✓ @605-718-4063
2900 PETE LIEN & SONS READY MIX ready- mixed concrete-mfrs ✓ @605-394-7241
+ RAILROAD CROSSES
3121 BLACK HILLS HOME BLDRS ASSN home builders ✓ @605-348-7850
3205 BLACK HILLS BUILDERS SUPL INC cabinets ✓ @605-721-1846
TOTAL HOME IMPROVEMENT tile-ceramic ✓ @605-721-1845
3220 ASSOCIATED DENTAL LAB laboratories-dental ✓ @605-343-7437
TRAVEL TABS business serv @605-343-9539
3280 SOUTH DAKOTA OVERHEAD DOORS doors-garage ✓ @605-355-1500
3306 CLASSIC CAR WASH car washing & polishing ✓ @605-718-5130
3333 SOUTH CANYON BAPTIST CHURCH churches ✓ @605-342-9000
3340 CROSSROADS AUTO BODY INC auto body- rpr & painting ✓ @605-342-2103
DAVIS AUTO auto dlr-new cars ✓ @605-348-7800
3400 PRIVATE STOCK OF RAPID CITY auto dlr-used cars ✓ @605-394-9499
3500 SHAMROCK AUTO SALES auto dlr-used cars ✓605-342-0902
3570 C U'S AUTO REPAIR auto rpr & serv ✓ @605-355-2888
+ ZIP CODE 57702 CAR-RT C025
3621 Bell Loreal ✓605-718-0278
3 Engel William & Heather @
6 Goodhue Kirsten L ✓
3637 Sargent Samantha @
3641 No Current Listing
3642 Eggum Brenda S ✓ @ (1971)605-342-3437
3704 Tjeerdma Amber & Josh ✓ @
3708 Amende Norman R ✓ @ (1955)605-721-5598
Amende Sonya K605-721-5598
Tjeerdma Sebastian ✓
3709 Conway Sarah A @ (1954)
3713 King Stephen @
King Tamara
3719 Sharkey Howard W Jr & Jean M ✓ @ (1955)
3723 Wasson Cynthia L ✓ @ (1955)605-721-8640
Wasson Audra605-721-8640
3729 LOOKING ELK SIMON nonclassified establishments ✓ @605-718-0888
Romero Sheila R ✓ @ (1956)
+ N PLATT ST CONTINUES
3801 Bowden Janet D @
Haskel Logsdon ✓605-791-0729
3803 Nowitzki Wesley
Nowitzki Matthew
3807 Rosenblatt Aaron @
3811 Grove Jody @
3814 Stillman Merle E ✓ @ (1954)605-343-1575
Stillman Robert H605-343-1575
3820 Sheheen Kevin M ✓ @ (1970)605-791-2551
3901 No Current Listing
3902 Carver Mari A ✓ @ (1954)
Diro Stacy ✓
3903 Heigh Brennan W ✓ @ @
3908 Artip Robert E Sr ✓ @ (1954)
Artip Michael J
3911 Rose Gary L ✓ @ (1976)
3914 Diffley Thomas M Jr & Victoria L ✓ @ (1959)605-343-1437
3924 Shannon Rita M @ (1954)
3928 Knock Florie I @
3929 Rick Joey L ✓ @ (1956)
3934 Zellmer William B & Josephine F ✓ @ (1970)605-718-0451
4001 Holland Dennis K & Mary M ✓ @ (1959)605-343-9188
4002 Lundin Joshua ✓605-718-8900
4008 Hanson Constance E ✓ @ (1958)
4009 Conrad Albert L Jr ✓ @ (1959)605-394-9147
4013 Murphy Harold W & Kathy W ✓ @ (1959)605-355-0323
4017 No Current Listing
4018 Click Deanna ✓
Flory Patricia ✓
4021 Johnson Brant L ✓ @
Johnson Robyn
4024 Werner Nick K ✓ @ (1954)605-342-1172
4025 Heldreich Kathy ✓ @605-341-7423
4029 Anderson Frederick T & Joanne F ✓ @ (1959)605-721-4029
4034 Kaiser Toby ✓
Kaiser Teresa
Spitzer Evan ✓ @
4035 No Current Listing
4042 Heckenlaide G ✓ @605-791-1457
Heckenlaide Britney605-791-1457
4105 Davies Kevin & Lila M ✓ @605-718-5136
4109 Davis Dean A & Amy S ✓ @
4113 Hodgins Benjamin A & Rachel ✓ @605-791-0163
4116 Clanton Charles W & Marilyn C ✓ @ (1953)605-343-3360
4119 Contreras Saul @
4122 Eads Thomas H ✓ @ @
Eads Thomas K

W CHICAGO ST Cont'd

- 4123 Swango James ✓ @
Swango Anna
4202 Daniels Albert A III & Joan E ✓ @ (1970)605-348-7887
4205 No Current Listing
4208 Boetel Ray E ✓ @ (1952)605-342-8622
Boetel Jessica R605-342-8622
4209 Gullikson Lisa G ✓ @
4214 No Current Listing
4215 Wright Vesper A ✓ @ (1951)605-716-0153
Wright Patrick J605-716-0153
4218 Ringheimer Nicholas L & Brandy N ✓
4219 - 4223 No Current Listing (2 Hses)
4224 Smith Mary L ✓ @ (1955)
Smith Michael W
4227 No Current Listing
4232 Davis Karen R & Gary W ✓ @ (1970)605-348-9987
+ 42ND ST INTERSECTS
4301 Caswell Dorisann E ✓ @ (1953)605-343-8539
Caswell Todd605-343-8539
4302 James Mars ✓ @
Mars Jean D ✓ @ (1953)605-718-4429
Mars Patricia A605-718-4429
4309 Karlen Ruth A ✓ @ (1970)605-716-1578
4310 Wilson Maureen C @ (1953)
4316 Vanspeybroeck Theresa
4320 Ronneberg Jason W ✓ @ (1953)
Ronneberg Chie
4323 Jones Jarid S
4326 Gatzke Brandon ✓ @ (1953)
Gatzke Heidi M
4334 Erhart Michael J ✓ @
Erhart Lindsey J605-716-0511
4335 Hyland X ✓ @ (1934)
+ N 44TH ST INTERSECTS
+ N 44TH ST INTERSECTS
+ GRAYS DR ENDS
+ S CANYON RD INTERSECTS
+ ZIP CODE 57702 CAR-RT C030
4513 Schroeder Richard J & Denise L ✓ @ (1954)605-718-7876
4514 Parsons Tom B & Patricia M ✓ @ (1967)
4520 Martin Justin L ✓ @ (1967)
Martin Jennifer L
4521 No Current Listing
+ SEABOARD ST INTERSECTS
4526 Pfleger Kellan ✓ @ (1967)
Pfleger Huxford
4530 Elliott Dennis L ✓ @ (1972)605-718-1105
4531 Townsend Lois M ✓ @ (1951)605-716-5764
4534 No Current Listing
4604 Krueger David V & Linda I ✓ @ (1967)605-716-3338
4615 Abdallah Michael B Sr & Susan M ✓ @ (1979)
.....605-341-3907
4621 Mitchell Brian T ✓ @ (1962)605-718-7737
4622 Treick Barbra W ✓ @ (1955)605-342-4107
4624 Henson Debbie L ✓ @ (1956)
4625 No Current Listing
4631 Guffey Pauline L ✓ @ (1962)605-342-6408
Guffey Brett M605-342-6408
4635 Martin David R & Teresa A ✓ @ (1961)605-348-7783
4636 Smith Angela ✓ @ (1967)605-716-7400
Smith Christopher N605-716-7400
4703 Marshall Jordan ✓ @ (1967)605-716-4626
Marshall Kim A605-716-4626
4709 Freeman Donald ✓ @ (1961)
+ N 48TH ST BEGINS
+ WEDGEWOOD DR INTERSECTS
4802 PINEDALE PRESCHOOL schools ✓ @605-343-4200
4804 Crofut Michael D & Sherry L @ (1967)
4810 Trapp Richard D & Justine E ✓ @ (1960)605-721-4415
4816 No Current Listing
4901 PINEDALE ELEMENTARY SCHOOL schools ✓ @605-394-1805
4902 Doorn Timothy J & Charlene M ✓ @ (1960)605-721-4511
4906 Hornbacher Brennan ✓605-791-2724
Hornbacher Audra605-791-2724
4910 Muci Karim H & Alejandra C ✓ @ (1967)605-342-8267
4916 Neubert David E & Paula E ✓ @ (1960)605-343-0659
4920 Santorius Jennifer J & Donald L ✓ @ (1960)605-716-1445
4928 Nagel Fern N & Shawn O ✓ @ (1960)605-342-7529
4932 No Current Listing
5008 Stover Donald R ✓ @ (1967)605-716-6434
Stover Marlene L605-716-6434
Younique Sew ✓
5014 Morris Dan ✓ @ (1967)605-791-0858
Morris Robbie W605-791-0858
5021 Annichiarico Ralph R & Julie S ✓ @ (1962)605-348-0553
5026 Overby Jamie A ✓ @ (1967)605-343-9619
Overby Shamie D605-343-9619
5029 Ruffled Theodore G Jr & Kelly M ✓ @ (1960)
5030 Drobny Steve D & Marianne N ✓ @ (1967)
5033 Gulik Barbara E & David M ✓ @ (1962)605-342-5397
BUSINESSES 34 HOUSEHOLDS 116

CHICKADEE CT (BOX ELDER)-FROM 617 THUNDERBIRD DR NORTH

- + ZIP CODE 57719 CAR-RT R001
201 Wells William E & Deborah L ✓ @ (1977)605-923-3639
202 Styles Rich & Sandi ✓ @ (1978)605-923-6494
203 Kmietek Donald J Sr ✓ @ (1975)
Kmietek Jessica
204 Sandmeier Monica K ✓ @ (1975)
Sandmeier Sarah
205 Jacobson Marc C & Terri @ (1977)
Jean Billie ✓

CHICKADEE CT (STURGIS)

- + ZIP CODE 57785 CAR-RT H055
12176 No Current Listing

NEW NEIGHBOR

61

CHERRY AVE Cont'd

- 44 Sikes Wanda L ✓ ②
45 No Current Listing
46 Meier Rickley G ✓ ②
47 Newman Joann M ✓ ②

605-342-8057

- 1501 No Current Listing
1503 Nelson Jason A ✓ ② (1974)
Nelson Allen J

- 1525 No Current Listing
1602 Rapp Rockne J ✓ ② (1949)

605-342-6671

- 1718 5 ① Clason Lacey ✓ ②
6 - 7 No Current Listing (2 Apts)

- 1720 1 Pullins K ✓ ② 605-791-2820
1 Vermillion Marie ✓ ②
2 Gerken Donald P ✓ ②

605-716-0244

- 3 - 1 No Current Listing (3 Apts)
1722 2 Payne Shanna M ✓ ②
3 No Current Listing

605-348-8212

- 1802 Firehunder Vance ✓ ②
• ZIP CODE 57701 CAR-RT C005

2016 COLLINS SIDING siding contractors ✓ ②

- 2021 1 Plenty Anna B ✓ ②
1 Witte Ray ✓ ②

- 2 Brooks Kim M ✓ ② 605-716-6290
2 Brooks Michael 605-716-6290
3 - 4 No Current Listing (2 Apts)

- 5 Brenden Robert ✓ ② ③
6 No Current Listing
7 Gaa Jerry ②

- 8 Kramer Tiffany L ✓ ②
8 Wright Rob ✓ ②

- 2201 Ghare Warner L & Delores D ✓ ② ③
(1968) 605-343-7138

BUSINESSES 1 HOUSEHOLDS 83

N CHERRY AVE (RAPID CITY)

• ZIP CODE 57701 CAR-RT C040

- 202 ADVANCED AUTO REPAIR auto rpr & serv ✓ ② 605-341-5420

- UNCLE MILT'S ALIGNMENT SVC wheel alignment-frame & axle ✓
..... 605-348-0144

405 SALVATION ARMY OUTREACH CTR

- ministries-out reach ✓
BUSINESSES 3

CHERRY CREEK RD (RED OWL)

• ZIP CODE 57787 CAR-RT H001

- 19077 Jordan Jon P ✓ ③ (1974) 605-985-5940

- Oldenberg James R & Norma F ✓ ② (1974) 605-985-5940

HOUSEHOLDS 542

CHERRY WOOD DR (RAPID CITY)-FROM 2590 APPLE HILL LN SOUTH

• ORCHARD LN INTERSECTS

CHEVATE CT (RAPID CITY)-FROM 5247 MERCURY DR

• ZIP CODE 57703 CAR-RT R005

- 2740 Rowers Todd A & Beth J ✓ ③ (2002) 605-716-3858

- 2743 Ladson Jeremy J & Chloé N ✓ ② (2001) 605-791-1921

- 2752 Lemburg Nicole ✓ ② 605-791-1921
Lemburg Hadley J
Tomes Corey J & Stephanie ✓ ②

- 2755 Anderson Nicholas C & Stephanie ✓ ② (2002) 605-716-7950

- 2764 Busch Robert C Jr & Robin L ✓ ② ③ (2002) 605-791-0901

- R B CONSTRUCTION construction companies ✓ 605-791-0901

- 2767 Coyle Alison L ✓ ③ (2002) 605-791-0901

- 2776 Lees Craig R & Shirley P ✓ ② (2001) 605-791-0945

- 2779 Halls Shaine L & Kelly S ✓ ③ (2002) 605-791-0945

BUSINESSES 1 HOUSEHOLDS 9

CHEVELLE CIR (STURGIS)

• ZIP CODE 57785 CAR-RT C005

- 2220 Allison Vernon J Jr ✓ ③ (1966) 605-347-6164

- Allison Jim G
2231 Grubel Jay R ✓ ③ (1966) 605-720-4998

- J GRUBEL EXCAVATING LLC excavating contractors
Patterson Darcy A ✓ ③ (1966) 605-720-4998

- Patterson Jessica
2251 Bear Robert L & Kelly R ✓ ③ (1966) 605-347-6164

- 2271 No Current Listing
BUSINESSES 1 HOUSEHOLDS 5

CHEVY LN (CUSTER)

• ZIP CODE 57730 CAR-RT R004

- 12030 McLaughlin Raymond L & Dawn M ✓ ② (1978) 605-673-5114

- 12031 Baker Barry M & Cheryl ✓ ② (1900) 605-673-2075

- 12035 Oster Scott J & Brenda M ✓ ② (1989) 605-673-2075

- 12042 Richardson Timm K & Lisa A ✓ ② (1975) 605-673-3225

- 12043 Vait Carol ✓ ② (1976) 605-673-3225

HOUSEHOLDS 5

CHEYENNE BLVD (BOX ELDER)

• ZIP CODE 57719 CAR-RT R001

- 4300 ① Scott J ✓ 605-347-6164

HOUSEHOLDS 1

CHEYENNE BLVD (RAPID CITY)

• ZIP CODE 57703 CAR-RT R012

CHEYENNE BLVD Cont'd

- 3919 MC DONALD'S restaurants ✓ 605-923-5991
3920 ARBY'S restaurants ✓ 605-342-8370
4030 CONOCO serv stations- gasoline & oil ✓ 605-341-2833

- DON'S VALLEY EXPRESS serv stations- gasoline & oil ✓ 605-341-2833

- HAPPY JACKS-INTERSTATE 90 casinos ✓ 605-348-2831

- PHILLIPS 66 serv stations- gasoline & oil ✓ 605-341-2833

- 4031 SLEEP INN & SUITES-RAPID CITY hotels & motels ✓ 605-791-5678

- 4040 BAYMONT INN & SUITES hotels & motels ✓ 605-791-5151

- ① Biskey Montana S ✓ (2003)
Connelly Christopher R ✓ ② (2003)

- 3 MARCO'S PIZZA pizza ✓ 605-791-4744

BUSINESSES 9 HOUSEHOLDS 2

CHEYENNE DR (HOT SPRINGS)

• ZIP CODE 57747 CAR-RT H052

- 13367 ① Brock Deborah ✓ 605-745-6495
① Ramsey Matthew T ✓ ② (1975) 605-745-6495

- Ramsey Heather A 605-745-6495

HOUSEHOLDS 2

CHEYENNE RIVER RD (HOT SPRINGS)

• ZIP CODE 57747 CAR-RT H052

- 27793 Cook Thomas H ✓ ② ③ (1956) 605-745-4567

HOUSEHOLDS 1

CHICAGO AVE (LEAD)-FROM 2 2ND ST

SOUTHWEST

- FAIRVIEW AVE CONTINUES
+ GLENDALE DR INTERSECTS
+ 1ST ST BEGINS

• ZIP CODE 57754 CAR-RT C003

- 104 No Current Listing
+ 2ND ST INTERSECTS

- 301 Larson Dale R & Patricia R ✓ ② (1901) 605-584-1491

+ 3RD ST INTERSECTS

HOUSEHOLDS 3

E CHICAGO ST (RAPID CITY)

• ZIP CODE 57701 CAR-RT C033

- 15 SPIZZIRRI PRESS INC graphic designers ✓ 605-348-2749

- SPIZZIRRI PUBLISHING printers 605-341-4451

- 29 COMMTECH audio-visual equip-dirs ✓ 605-343-0622

- KILOWATT ELECTRIC electric contractors ✓ 605-343-0686

- 36 Ebean Lori ✓ ② 605-348-0100

- 1 STEC'S ADVERTISING SPECIALTIES advertising-promotional ✓ 605-348-0100

- 109 Watters Rebecca L ✓ ② ③ (1963) 605-342-4679

- Watters Arlee
119 No Current Listing

- 123 Burdick Emily J ✓ ② 605-342-4679

- 14 Lacey Ericksa ✓ ② 605-342-4679

- 26 - 3C No Current Listing (2 Apts)
5E ① Winters L ✓

- 7 - 231 No Current Listing (5 Apts)
131 ① Lawrence Lorell

- 4D - 6F No Current Listing (3 Apts)
24J Gaa Jeff ✓ ②

- 25K - 27M No Current Listing (3 Apts)
402 Morgan Elmer D & Lou E ✓ ② ③ (1939)

- 410 Smith William ✓ 605-593-4387

- 418 Cooper Forest P ✓ ③ (1934) 605-593-4387

- 424 No Current Listing
428 Elliott Carolyn R ✓ ② 605-343-0388

- Tookey Gavin E ✓ ② (1963) 605-343-0388

- Tookey Tammy
438 No Current Listing

- 504 ① Johnson Dennis P ✓ 605-716-1947

- 507 Anderson Brittany ✓ ② 605-716-1947

- Anderson Alice
① Suurmiller Luke ✓

- 508 Corrick Chai A ✓ 605-716-1947

- Corrick Diane C
510 1 Mesteth Darrell ✓ ② ③

- 2 - 3 No Current Listing (2 Apts)
511 Cummings Arnold E ✓ ② (1961)

- 515 No Current Listing
518 Page Steven A ✓ ②

- 519 Guerun Donald F ✓ ② 605-342-3577

- Hannon Thomas ✓ ② 605-342-3577

- ① Noonan Christal ✓ ② 605-342-3577

- 520 Speller Mike C ✓ ② 605-348-4939

- 524 Jumping Eagle Danny ✓ ② 605-348-4939

- 525 - 532 No Current Listing (5 Hses)
• ZIP CODE 57701 CAR-RT C040

721 Halford Jenny ✓ ② 605-721-2858

① Medley Janine ✓

QUALITY AUCTION SVC INC auctioneers

..... 605-721-7980

1 - 2 No Current Listing (2 Apts)

3 Kindie Paige ②

4 ① Donohue Janine ✓

5 Hall Wesley G & Joyce R ✓ ② ③

6 Norrod Bonnie H ✓ ②

7 Wishard Glen E ✓ ② 605-718-0343

8 Christensen Troy L ✓ ② ③

8 Christensen Piper

8 Oehrer Amanda L ✓ ②

9 Artmann Yvonne E ✓ ② 605-716-4749

10 Freier Eleanor E ✓ ② 605-718-9538

11 No Current Listing

12 Noehn Matthew ✓ ②

E CHICAGO ST Cont'd

- 12 Jewell Tyson J ✓ ② 605-343-2679
13 - 15 No Current Listing (3 Apts)
16 Silvermagel James ✓ ②

- 17 Hoffmann Kevin A & Tammy ✓ ② ③ 605-343-2679

- 18 Hollinger John G & Marietta A ✓ ② ③ 605-343-2679

- 19 Allen Louetta R & Dennis W ✓ ② 605-343-2679

- 20 Salway Carla M ✓ ② 605-343-2679

- 21 Lettendon Christa D ✓ ② 605-343-2679

- 22 - 25 No Current Listing (4 Apts)
26 Campbell Marshall W & Sandy K ✓ ②

- 27 No Current Listing 605-716-5195

- 28 Liberty David ✓ ② (1977) 605-716-5195

- 29 Tivis Glendia ✓ ② 605-716-5195

- 30 - 31 No Current Listing (2 Apts)
32 Jermian Andrew ②

- 33 Sailer Gerald J & Lillian M ✓ ② 605-342-3448

- 34 Cordae Thelma F ✓ ② 605-791-4304

- 35 Barry Wayne ✓ ② 605-791-4304

- 36 No Current Listing
37 Hutmacher Mary J ✓ ② (1977) 605-343-3999

- 38 Newman Terry L ✓ ② 605-716-5577

- 39 No Current Listing
40 Kramer Coke ✓ ②

- 40 Kramer Colleen M
40 Meyers Colleen R ✓ ②

- 605-341-7493

- 41 Baumbach David ✓ ② 605-341-7493

- 41 Tappendorf Brenda ✓ ② ③ 605-341-7493

- 41 Voigt Ryan ✓ ② 605-341-7493

- 42 Claymore Estella ✓ ② ③ 605-341-7493

- 42 Claymore Pamjerney 605-341-7493

- 42 Miner Marlyce J ✓ ② 605-341-7493

- 42 Miner Deanna K 605-341-7493

- 43 No Current Listing
44 Koppin Shelly L ✓ ②

- 45 Carlson Dayton D ✓ ② 605-791-0485

- 45 Carlson Carla K 605-791-0485

- 46 ① Amiotte Tony ✓ 605-791-0485

- 46 Dennis Goldy ✓ ② (1977) 605-791-0485

- 47 Multz Scott A Jr ✓ ② 605-343-4978

- 47 Multz Janet A 605-343-4978

- 48 Chaney Connie M ✓ ② 605-343-4978

- 49 Reyes Ruperto Sr ✓ ② ③ 605-343-4978

- 50 No Current Listing
51 Page Nicole ✓ ②

- 52 Holzer Brenda H ✓ ② 605-343-5200

- 53 No Current Listing
54 Jackson Pat A ✓ ② 605-343-5200

- 54 Jackson Billy J 605-343-5200

- 55 Clifford Melissa ✓ ② 605-343-5200

- 56 No Current Listing
57 Debor Marjilyn ✓ ② (1977)

- 58 No Current Listing
59 Rowell Robert ✓ ②

- 60 Poppe Curtiss ✓ ② 605-343-5200

- 60 Poppe Daniel
61 Eastman Gloria ✓ ②

- 62 Tripp Vicki J & Terry D ✓ ② 605-342-4679

- 63 - 64 No Current Listing (2 Apts)
65 Malone Paula J ✓ ② (1977)

- 65 Malone Tim 605-342-4679

- 65 Davis N C ✓ ② 605-342-4679

- 67 Ackerman Misty ✓ ② 605-342-4679

- 67 Staller Amber ✓ ② 605-342-4679

- 68 Olson Althea N ✓ ② 605-342-4679

- 69 No Current Listing
70 Smith Cynthia ✓ ② ③ 605-718-4174

- 71 - 72 No Current Listing (2 Apts)
73 PLEASANT ACRES MOBILE HM PARK mobile homes ✓

- 73 Whitmyre Terry A ✓ ② (1977) 605-718-4174

74 Gerow Brian I & Linda J ✓ ② (1977)

74 Mitchell Steve J ✓

75 Elertson Mark ✓ ②

76 Richards Steven L & Jinx C ✓ ③

77 No Current Listing

78 Magstad Jack A ✓ ② 605-348-0126

78 Ortmann Eileen ✓

79 ① Barger Kenneth ✓

80 No Current Listing

81 Digges Jeannette D ✓ ② ③

REVIEWED
By Robert Prann at 2:57 pm, Jan 31, 2025

Phone Fillmore 2-3200
RAPID CITY, S. D.
621 6th St.

BEHRENS FURNITURE STORE

FURNITURE — CARPETING — RUGS
WINDOW SHADES

Tel. Fillmore 2-0266 686-608 Main St.

CUSTER E—Contd
2114 Hill Arland F @
213 Polly L E
227 Zeldier Francis D @
233 Martlan Lawrence @

43
DAKOTA DRIVE — From W Joseph
south to Canyon Lake dr, 2 west
of Baken Park
508 Light Vernon L @
515 Hrachovec Jos F
bsmt Summers Harry J
601 Barber Josephine M @
602 Ripple Lester K @
605 Lux Peter C @
606 Anderson Harry @
bsmt Vacant
rear Vacant
609 White Gordon L @
612 Price Leslie E
613 Coon Claude B @
614 Moore Roy D
bsmt Merritt Carl E
617 Johnson Duane R @
618 Haxby Thelma Mrs @
622 Ellis John @
623 Morrell Ivan J @
628 Robinson Anna Mrs @
629 Protheroe Robt @
630 Saxton Prentis E @
632 Jelkin Rodger
633 Oenzlinger Alvin W @
634 Hooby Marvin B
702 Bohannan Rowena @
714 Jonas Jas
716 Magonegil Dean @
720 Friesch Otto J @
732 Huffman Harvey L @

53
DALE DRIVE — From 4104 Canyon
Lake dr southwest, 1 block to dead
end
4103 Fischer John J @
Zipp Ralph L
4104 Hebout Elmo L
4215 Owen Jack @

43
DEADWOOD AV — From 100 block
12th northwest to city limits
322 Crouser Blake @
bsmt Zimmerman John
324 Boyd Ned C @
326 Houborg Simon E

328 Vacant
329 Meyers Harvey J @
410 Laughlin Raymond
Bradfield Carrie M Mrs @
414 Bradford J Ray @
431 Johnson Clifford @ contr
end Brown Ivan E
Woods Richd @
Hoefer Martin @ contr

11
DENVER — From East blvd north-
west to West blvd, 1 north of
Main
204 Colvin Clint @
N 1st intersects
103 Harkness Esther Mrs
rear Spoonemore Chas
107 Rosales Richd
120 Miller Thos @
122 Glenn Eliz Mrs @
124 LeBeau Vincent @
rear Hernandez Floyd
124 1/2 Two Elk Marjorie Mrs
125 Jerry's Trailer Court
Grover Harry @
127 Smith Jas H

N 2d intersects
201 Adams Ulysses C @
204-30 Arneson Cottages
205 Adams Hollis F @
208 Vacant
212 Vacant
213 Haskell Jack @
215 Harris Nellie N Mrs
216 Vacant
219 Bettelyoung Percy @
220 Vacant
223 Loyd Danl E @
224 Vacant
228 Vacant
230 Vacant

N 3d intersects
301 Nunez Sophia Mrs
307 Sharp Robt A @
308 Isaman Michl O @
311 Schunot Mary Mrs
312 Murray Eileen Mrs @
bsmt Eileen's Pastries
315 Schunot Donald R @
318 Killian Raymond M @
318 1/2 Howell Norman
319 Johnson Emery A

Fairmont Foods Company

GRADE "A" MILK — Cream — Cottage Cheese — Ice Cream
QUALITY BUTTER — CHEESE
FRESH FROZEN FRUITS and VEGETABLES

201 Main St. Tel. Fillmore 2-3460

DENVER—Contd
322 Appleton Vernon R
332 Voice Geo E @
404 Peterson Lars J @
bsmt Stanton Leo C
416 McGaa Louis O @
424 Colling Wm J @
427 Nachtigall Anna Mrs @
428 VanLoan Evert @

N 5th intersects
501 Wingert Amoretta Mrs @
502 Hanson John C @
505 Gallimore Geo W @
506 Becker Nicholas J @
507 Wise Floyd J @
510 Boles Robt W
Stewart Malcolm
515 Johnson Gerald B
515 1/2 Slocum Howard A
516 Weber Clare Mrs
Barber Thos H
Beach Jos @
531 Waldo Marion L @

N 6th intersects
601 Vacant
604 Tinnin Una Mrs @
607 Groat Earl D @
609 Riffenburg Walter L @
bsmt Hermann Phillip
609 1/2 Mount Loys
612 McCain Galen @
615 Dillow May Mrs @
617 Hauff Mary E Mrs
618 Rioux O Jos @
bsmt Palmer John R
623 Buel Loretta M Mrs @

E 7th intersects
702 Dominquez Jesse @
705 Husong Roy @
706 Brandt Wm H
708 1/2 Work LaVerne
709 Traber Julia @
709 1/2 Onobava Stanley Jr
710 Herriek Jesse E @
rear Rentzell Millie
715 Winkler Roy D @
719 Quick Melvin D @
720 Brown Effie M Mrs
720 1/2 Stelling Lawrence P @
723 Winkler Leonard A @
724 Beauchamp Leo A @
725 Runsaagainst Cornelia Mrs

728 Thomas Chas H @
732 Knispel Kendall A
8th intersects
801 Wilson Gene
802 Arguello Jose E @
804 Arguello Emil @
805 Dippert Louis A @
Dippert Auto Serv
811 Schroeder Harry S
814 Banyard Ross C @
815 Fenner Harvey C @
bsmt Asleson Wm A
816 Pourier Gerald F @
818 Robidou Ralph N @
819 Mueller Allen W pnt
823 Vacant
826 Robidou Wallace R @
827 Keelin Duayne
830 Garrett Clarence H @
831 Eby Ben G @

N 9th intersects
901 Kurth Aug C @
901 1/2 Berry Harley S @
902 Forkner Violet Mrs @
905 Spohn Harry @
906 Lease Edgar W @
910 Salazar Pedro
911 Clinton Gerald
915 Larsen Henry @
915 1/2 Martin Jas L
918 Hodgins Francis @
919 Adams Fern H Mrs @
920 Gran Eric E @
923 Reber Clara Mrs @
924 Volmer Clifford E @
925 Stevens Harlan D
bsmt Fredericksen Fred
928 Kursave Elmer W @

W blvd intersects
2
DENVER E — From E blvd east to
city limits, 7 north of E Main
123 Farrier Richd E
bsmt Murdy Vincent @
1250 L'Esperance Jos R @
127 Muffat Robt
Herman intersects
2010 Eberle Earl P @
bsmt Bomar Kenneth
2070 Fisher Albert P @
bsmt Strocky Eug R
2100 Clements Merle M
210 1/2 Sutton Lewis H Jr

ATWATER PONTIAC CO.
PONTIAC SALES and SERVICE
143 Main Phone Fillmore 2-4304
USED CAR LOT — 118 MAIN

Dakota Lime & Brick Co.
MANUFACTURERS OF CONCRETE PRODUCTS — DAKOTA BRICK
DAKOTA HAYDITE BLOCK — DAKOTA CONCRETE BLOCK
P. O. BOX 631 TEL. Fillmore 2-6076

Mellgren Plumbing Shop Inc.
Plumbing
Hot Water and Steam Heat
Water Softeners
Water Heaters
Pumps
Well Supplies
Steam Fitting
Free Estimates
521 St. Joe
PHONE Fillmore 2-8430
Rapid City

MECHALEY DITCHING CO.

Wm. C. MECHALEY

1600 MOUNTAIN VIEW RD.

TEL. Fillmore 3-5262

TRANSIT MIXED CONCRETE

TRANSIT MIX CONCRETE COMPANY

End St. Onge Tel. Fillmore 3-6730

DAKOTA DR-Contd
515 Hrachovec Mary E Mrs @
ΔFI3-2658
bsmt Vacant
601 Ormesher Donald L @
ΔFI3-2265
bsmt Rawlings John
602 Ripple Lester K @
ΔFI3-3970
Shadelite Marquee Co
awnings ΔFI3-3970
605 Mathews Leslie M
ΔFI2-6245
bsmt Vacant
606 Anderson Harry @
ΔFI2-1258
bsmt Nore Henry
rear Vacant
609 White Gordon L @
ΔFI2-1618
612 Price Leslie E
ΔFI3-3585
613 Coon Claude B @
ΔFI2-1125
614 Prang Loren D ΔFI3-8544
bsmt Schlaffman Melvin
617 Hanson Minnie E Mrs @
ΔFI2-2795
bsmt Stunkard Donald
618 Haxby Thelma V Mrs @
ΔFI2-7870
Stwalley Flora A Mrs
ΔFI3-3024
622 Balderramos Tony A @
ΔFI2-4618
623 Kracht Lawrence K @
ΔFI3-4963
628 Robison Anna Mrs @
ΔFI2-7268
629 Protheroe Bess K Mrs @
ΔFI3-0477
630 Rane Earl J @ ΔFI3-4935
632 Neisent Edwin ΔFI2-1419
633 Genzlinger Alvin W @
ΔFI2-5798
634 Holman Patk G
702 Bohannan Rowena Mrs @
ΔFI2-7567
714 Wright Russell W @
ΔFI3-3821
716 Vacant
720 Fritsch Otto T @
ΔFI2-1756

724 Magonegil Dean @
ΔFI3-0465
732 Huffman Harvey L @
ΔFI2-6210

53
**DALE DRIVE-From 4100 Can-
yon Lake drive southwest, 1
block to dead end**
4103 Fischer John J @
ΔFI2-6931
4104 Bebout Elmo L @
ΔFI2-1776
4215 Owens Jack S @
ΔFI2-4311
4225 Scott Wm J @
ΔFI2-5607
4233 Nelson Elmer A @
ΔFI2-0110

43
**DEADWOOD AVENUE-From
100 block 12th northwest to
city limits**
323 Crowser Blake @
ΔFI2-3668
bsmt Vacant
325 Alcoholics Anonymous
ΔFI2-4823
Black Hills Janitor Serv
bldg mtce ΔFI2-4823
Boyd Ned C @ ΔFI2-4823
326 Bennett Jay H ΔFI2-7480
410 Laughlin Raymond
ΔFI2-7665
414 Bradfield J Ray @
ΔFI2-6807
431 Rapid Creek Apartments
ΔFI2-8488
1 Kuntz Robt
2 Young Gerald A
3 Jablonski Robt C ΔFI2-9249
4 Kellum Wm
5 Briggs Dorothy I Mrs
ΔFI2-8798
6 Treib Albert
7 Compton Wm
8 Vacant
9 Vacant
10 Maynard Lyle
Street continued
end Stratosphere Mattress
Serv ΔFI2-6098

RAPID CITY HEALTH CLUB

SUPERVISION
FRAN MEAD

506 WEST BLVD.

TEL. Fillmore 2-8288

CLARENCE GEARY

PAINTING SERVICE

25 YEARS OF QUALITY WORK

Fillmore 2-4494

TELEPHONE

Fillmore 2-0494

DEADWOOD AV-Contd
Mahoney Wm J @
ΔFI2-6098
Hoeler A Martin
ΔFI2-8765
Oral Sand Co ΔFI2-7225
Birdsall Sand & Gravel
Co ΔFI2-7225
Lien Pete & Sons rock
quarry ΔFI2-7224
Lien Inc Hauling
ΔFI2-7224
Anderson Millwork Co
ΔFI2-1743
cor Howe & Lee genl contrs
ΔFI3-4211
Dakota Lime & Brick Co
ΔFI2-6070
Dakota Steel & Supply
ΔFI2-6070
Light Aggregates Inc
bldg materials
ΔFI2-8213

11
**DENVER-From East blvd
northwest to West blvd, 7
north of Main**
20 Barry Claude E @
ΔFI2-5075
N 1st intersects
103 Greeley Hilbert @
rear Drapeaux Eunice
120 Vacant
rear Robinson Donl L
125 J C Trailer Ct ΔFI2-8456
Walker Lee R
ΔFI2-6955
Nelson Gunner @
ΔFI2-8456
Wolf Sylvester V
FI2-5898
Read Robt T ΔFI3-6383
Scovel Wayne ΔFI2-5044
Kreager Jerry
ΔFI2-8963
127 Smith Jas H @ ΔFI2-8751
N 2d intersects
201 Adams C Ulysses @
204-30 Arneson Cottages
motel
208 Heinzman John ΔFI2-7338

212 Fisher Bud ΔFI3-6305
215 Peterson G E jr
218 Hunter Robt ΔFI3-6861
219 Finnegan Maycel Mrs
ΔFI3-8325
220 Garrison Gerald E
ΔFI2-1803
223 Minton Walter P @
ΔFI2-1784
224 Tollant Walter P
ΔFI2-1578
227 Vacant
228 Brown Russell G
ΔFI3-8670
230 Warne Burton H
N 3d intersects
301 Tyburec Chas R
ΔFI3-4379
304 Vacant
307 Riggert Herman E
ΔFI2-7736
308 Weidner Jos G ΔFI3-4017
311 Schunot Mary E Mrs
ΔFI2-8208
312 Eileen's Pastries
ΔFI2-8552
Miller Duval L
ΔFI2-1443
315 Schunot Donald R @
ΔFI2-5021
316 Killian Raymond M @
ΔFI2-4395
316½ Vacant
319 Amerson Geo jr
322 Appleton Vernon R
ΔFI2-4271
326 Ashland Frank A @
ΔFI2-6262
332 Mattson Donald E
ΔFI3-0356
404 Rogers Ralph C @
ΔFI2-2288
416 McGaa Louis O @
424 Colling Wm J @
427 Oakes Dewey L ΔFI3-6198
428 VanLoan Evert J @
ΔFI3-3207
N 5th intersects
501 Wingert Amaretta B Mrs
@ ΔFI3-1615
502 Hanson John C
Prosch Vern L @
ΔFI3-6610



WEBB AND JEWELL P L U M B I N G

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and
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HOT WATER
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Fillmore
2-7316



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LOANS

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OFFICE FURNITURE

31 E. OMAHA

PHONE 342-1907



3443 STURGIS RD. Gives Your Home that "Golden Touch" TEL. 342-4355

38

CUSTER ST E-Contd

501 FINN RONALD K • 342-3770
502 BUTLER ROBT J 343-1881
508 THOMPSON KENNETH R • 343-9156
509 REEL AGNES • 342-8155

25

CYPRESS ST -FROM 100 E MONTANA SOUTH

3201 VACANT
3202 O'CONNOR MICHAEL F • 343-4046
3207 VACANT
3208 HARNISCH CARL A • 342-1871
3211 SYVERSON MARTIN I • 342-7382
3212 TOLIVER RUSSELL D • 342-7382
3203 WEINGART ROBERT G 342-1149
3304 SCHENBERGER DONALD G • 343-3359
3309 VACANT
3310 BROWN RICHARD A • 343-0267
3313 GAMBRELL PAUL H • 343-1595
3314 WILSON HARVEY B • 348-0883
3319 BURTON GERALD L • 343-5068
3320 WEBER VIOLA A MRS • 343-3288
3323 CHRISTOFFERSON BERNEIL E • 343-3896
3324 BAKER CLAYTON A • 343-6590
3329 OSBORN RONALD L • 343-9613
3330 JUHEMICH JOSEPH E • 342-0307
3401 RASMUSSEN CARL • 343-4721
3402 COURTNEY FRED • 343-5799
3406 BURKE H ROGER • 342-0981
3407 GREENWALT GARY W • 342-3739
3413 COUCH JOSEPH D • 343-3343

43

DAKOTA DR -FROM W JOSEPH SOUTH 2 WEST OF BAKEN PARK

508 VACANT
515 HRACHOVEC MARY F MRS • 343-2658
BSMT VACANT
601 ORMESHER DONALD L • 343-2265
BSMT VACANT
602 SHADELITE MARQUEE CO AWNING REPR 343-3970
605 REISORFER HATTIE MRS 342-6445
ROBERTS WM D
606 ANDERSON HARRY • 342-1258
BSMT KRAUSE DUANE
609 WHITE GORDON L • 342-1618
612 VACANT
613 COON CLAUDE E • 342-1125
614 KNUTSON LLOYD C
617 HANSON MINNIE E MRS • 342-2795
BSMT VACANT
618 HART EDW H 342-7479
618½ HAXBY THELMA V MRS • 342-7870

622 BALDERFAMOS ANTHONY A • 342-4618
623 KRACHT LAWRENCE K • 343-4963
628 ROBISON ROY H • 342-7268
629 PROTHOROE BESS MRS • 343-0477
630 GLENDINNING WM J 348-1533
632 VACANT
633 STARKEY PHOEBE MRS 342-7250
634 VACANT
702 BOHANNAN ROWENA MRS • 342-7567
714 LOVRE HAROLD L • 342-2657
716 MAGONEGIL DEAN • 343-0465
720 FRISCH OTTO T • 342-1756
732 HUFFMAN HARVEY L • 342-6210

53

DALE DR -FROM 410 CANYON LAKE DR SOUTHWEST 1 BLK TO DEAD END

4103 FISCHER JOHN J • 342-6931
4104 BERDUT ELMO L • 342-1776
4215 OWENS JACK S • 342-4311
4225 SCOTT WM J • 342-5607
4233 NELSON ELMER A • 342-0110

43

DEADWOOD AV -FROM 100 BLK 12TH NORTHWEST

323 CROWSER BLAKE • 342-3668
BSMT BRATSKEN ALVIN
325 ALCOHOLICS ANONYMOUS 342-9808
BOYD NED C • 342-7323
329 FAIR DEAL SECOND HAND STORE
410 LAUGHLIN RAYMOND 342-7665
414 VACANT
431 RAPID CREEK APARTMENTS
1 HUNSINGER RUTH A MRS • 342-8488
2 VACANT
3 HEBNER ALICE
4 VACANT
5 VACANT
6 VACANT
7 EHLE RONALD
8 MARTIN BENJ L 343-3667
9 BEVIER STANLEY
10 FLYNN QUENTIN 342-1725
END ANDERSON MILLWORK CO 342-1743
BIRDSALL SAND & GRAVEL CO 342-7624
B H P & L CO (POWER PLANT) 342-3200
DAKOTA BLOCK CO CEMENT BLK 342-6070
DAKOTA STEEL & SUPPLY 342-6070
GREEN & FORSYTH STEEL BUILDERS 342-6522
HARRIS INC CONTR EQUIP & SUP 343-1854
HOEFER A MARTIN • 342-8765
HOLEMAN G M DIESEL INC 348-0374
JOHNSON SERVICE CO PNEUMATIC ELECTRONIC CONTROLS 343-6335

GUARANTY ABSTRACT CO.

ABSTRACTS OF TITLE and TITLE INSURANCE

You Are Insured with

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2 Rose Bldg., 607 Mt. Rushmore Rd. (8th)

Tel. 342-3129



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and Trust Company

MEMBER F.D.I.C.

Main Office
701 8th Ave.

TEL. 342-5000
Northeast Office
301 East North St.

Western Office
Bakken Park

39

DEADWOOD AV-Contd

KIEWIT PETER SONS CO GENL CONTR 342-5114
KREBS ABBIE A MRS • 342-4507
KREBS ALOIS J • 342-9434
KREBS C J • 342-9485
LIEN BRUCE H 343-1516
LIEN CHARLES H 343-1565
LIEN PETE & SONS INC ROCK & LIME PROD 342-7224
LIEN PETER C • 343-1014
LIGHT AGGREGATES INC BLDG MATERIALS 342-8213
MAHONEY WM J • 342-5098
MC DONALD FRANCIS P • 342-2554
ORAL SAND CO SAND & GRAVEL 342-7224
RAPID TANK CO STEEL FABRICATORS 342-6522
SHEEHAN-BARTLING INC CONSTN MACHY 342-5694
STRATOSPHERE MATTRESS SERVICE 342-6058
SUMMIT CONSTRUCTION CO BLDG CONTR 342-8300
SUMMIT INC GENL CONTR 342-8300
WHALEN JOHN P • 343-6193

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DENVER ST -FROM EAST BLVD NORTHWEST 7 NORTH OF MAIN

20 BARRY CLAUDE E • 342-5075
REAR BARRY EARL H
---N 1ST INTERSECTS
103 VACANT
125 J C TRAILER COURT 342-2983
ENGEL LEE F • 342-2983
CAMPBELL JOAN E MRS 343-9767
GARNER DONALD 348-1770
MARTENS CATH 343-6946
MC LAUGHLIN HARRIET B MRS 348-0067
127 TASSLER ARDITH A MRS 348-0679
---N 2D INTERSECTS
201 CROSSMAN DONOVAN 342-1481
204 DENVER COURT MOTEL
STOFF BERNETTE MRS 342-5156
212 VACANT
215 PETERSON GILBERT
216 VACANT
219 MILLER DUVIL L • 342-1443
220 VACANT
223 MINTON WALTER P • 342-1784
224 VACANT
228 VACANT
230 VACANT
---N 3D INTERSECTS
301 TYBUREK CECILIA MRS • 342-7123
302 UNDERWOOD W LEROY • 343-7123
307 ROMERO LUPE G
308 KNUTSON HENRY • 342-3296
311 SCHUMDT MARY E MRS • 342-8208
312 ROMEO LOUIS A JR • 343-9357
BSMT VACANT

39

315 SCHUMDT DONALD R • 342-5021
316 KILLIAN RAYMOND M • 342-4395
3168 SCRINER CECIL G
319 MORRISON ROSALIE E MRS 342-4789
322 DECK GENE H 342-3386
326 HISLOP THOS R 343-0997
332 TAYLOR DENNIE M
404 WALLACE ROBT A
4048 MANWELL IRA T
416 GRAVES JERRY
424 VACANT
427 STULKEN JAMES B 342-7445
428 VAN LOAN EVERT J CARP CONTR • 343-3207

15

---N 5TH INTERSECTS
501 WINGERT AMARETTA B MRS • 343-1615
LOUIS HERSHEL
502 PROSCH VERN L • 343-6610
505 GALLIMORE GEO W • 342-2153
506 KENNEDY ROBT J 343-5581
507 LEADINGCLOUD LUKE S
510 APARTMENTS
1 VACANT
2 FLESHER WAYNE H 342-9034
3 BRIGGS MILTON L 348-0275
4 VACANT
515 MARTIN EVELYN MRS
5158 RODRIGUEZ GLENN V
1 JAGGERS GERALD
2 DAVIS CHARLES J 343-7032
3 VACANT
4 VACANT
522 FIRST CHURCH OF GOD 342-4300
NIELSEN DON L REV 342-4309
531 WALDO MARION L • 342-8810
---N 6TH INTERSECTS
601 VACANT
607 CULBERTSON MARTIN 343-1407
GROAT EARL D • 343-1407
609 WAGNER JEANETTE MRS
612 MC CAIN GALEN G • 342-2120
615 NO RETURN
617 VACANT
618 AMES JAY M • 348-1379
6188 RIQUEUX JOSEPH • 342-8555
623 HULL HAROLD J • 342-8555
---N 7TH INTERSECTS
702 CLARK JAMES
DIPPERT DOLLIE MRS • 342-9195
SWAN ORLANDO L
705 HUSSONG HAZEL F MRS • 342-8166
706 JOHNSON ROBT 343-7212
BSMT MONTRY SHERYL A MRS
709 PECHENY HENRY • 342-0575
709½ VACANT
710 HERRICK JESSE E • 342-9619
REAR RENTZELL WILLIE MRS 343-5053
715 WINKLER ROY D • 342-8618
717 VACANT
719 VACANT
720 BROWN EFFIE M MRS 343-4661
720½ SWEENEY MABEL MRS 343-2104
721 VACANT
723 KINDT RICHARD H 348-1276

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CUSTER ST.—Contd

WEST BLVD INTERSECTS

1505 Davis Wallace E @ 343-4698
1510 Grove Olev
1511 Watts Dena C Mrs @ 343-6177
1516 Best Lloyd E @ 342-1700
1520 Huff Beulah M Mrs @ 342-8913
1524 La Bett Wanda M Mrs @ 343-3291
1611 Pepper David E @ 342-1197
1614 Birch Vincent 342-0605

CUSTER ST E.—FROM MAPLE AV

EAST 5 NORTH OF E MADISON

ZIP CODE 57701

108 Hughes Jerry A @ 343-6963
111 Peltz Lloyd R @ 342-7441
112 Vacant
113 Moore James
Bsmr Vacant
116 Dobson Earl N @ 343-1444
117 Ellefson Mervin E @ 342-2189
118 Brosterhouse Ray L
123 Preuss Jonathan Rev 343-2263
124 No Return
128 Titus Anna Mrs @ 342-4996
129 Price Richd R 343-5514
130 Rotter Robt B @ 342-5467
134 Tillotson Bart @ 343-3549
137 Gross Claude @ 342-0936
Bsmr Vacant
201 Tipp Fred A
202 Renner Leo @ 343-2054
208 Johnson James E @ 342-0380
211 Iliff Arlen F @ 348-1144
Bsmr Vacant
212 Berndt Lawrence E @ 343-5066
213 Myers Franklin W H
214 Hanson Eunice Mrs @ 343-4271
217 Galbraith Donald S @ 342-1391
218 Poljansek Andrew J @ 343-7320
221 Brown Wilba @ 342-5113
224 Johnson Willard J @ 342-4809
227 Zeidler Francis D @ 342-1843
Bsmr Vacant
228 Randolph Dale O @ 343-3223
232 Yeager Wm L @ 342-5290
303 Johnson Ivan @ 348-0746
309 Mattson Donald J @ 342-4205
310 Wolfe Paul W @ 342-8813
317 Jorgenson Gayle N @ 342-2780
318 Sauer Fritz 343-5249
324 Houghton Manley H @ 342-8336
325 Lowe Ralph V 342-1881
329 Leach Robt L 342-5832
334 Funk Roy R @ 342-6423
335 Mayry Marshall J 342-3885
338 Sonneman Lawrence J @ 343-4642
341 Moore Gerald H @ 343-5895
344 Cross Kenneth J @ 348-1509
402 Sandstrom J E @ 348-1948

42

407 Blote Herman W @ 343-1628
408 Ebert John W @ 343-6419
411 Smith Shirley
412 Nordell Ben W @ 342-8359
415 Schroeder Thos R @ 348-1489
418 Vogel Donald R @ 348-1931
419 Cramer Edgar L carpet layer @ 342-6397
422 Clark Robt W @ 342-3178
425 Vacant
426 Sauder Darrel W @ 348-1796
431 Thomas Raymond E @ 343-3086
432 Baumann John R @ 342-7230
435 Krueger Kenneth E 342-2014
436 Holcomb Everett P @ 342-1341
439 Vallette Kenneth H 342-0756
440 Baker Earl D @ 343-9382
501 Finn Robt
502 Nagel Robt W @ 342-8572
508 Wamboldt Gerald J @ 343-3521
509 Reel Agnes M Mrs @ 342-8155

CYPRESS ST.—FROM 100 E MONTANA

SOUTH

ZIP CODE 57701

3201 Stewart Richd L @ 343-7112
3202 Leonard Robt E @ 342-4799
3207 Gorsuch David R @ 343-4101
3208 Herron Ray @ 343-5791
3211 Speckman Marilyn 343-1465
3212 Fry Richd C bldg contr @ 342-4732
3303 Neal Roger P @ 342-0655
3304 Metzger Raymond H 342-7417
3309 Mc Donald Charles J @ 342-4033
3310 Vacant
3313 Rowler Ronald R @ 342-5628
3314 Jensen Thos L @ 342-0347
3319 Roth Wm E @ 343-5068
3320 Vacant
3323 Christofferson Berneil E @ 343-3896
3324 Baker Clayton A @ 343-6590
3329 Melum Douglas K 342-7326
3330 Juchemich Joseph E @ 342-0307
3401 Rasmussen Carl @ 343-4721
3402 Horton Duane 343-4824
3406 Burke H Roger @ 342-0981
3407 Loban Andrew R @ 342-2355
3413 Couch Joseph D @ 343-3343

DAKOTA DR.—FROM W JOSEPH

SOUTH 2 WEST OF BAKEN PARK

ZIP CODE 57701

508 Vacant
515 Hrachover Mary F Mrs @ 343-2658
Bsmr Reising Geo S 343-6534
601 Palmer Charles @ 342-1720
Bsmr Vacant
602 Vacant
Ripple Lester K @ 343-2177

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DAKOTA DR.—Contd

605 Reisdorfer Hattie Mrs @ 342-6445
606 Vacant
Bsmr Backes Alton 348-1898
606 1/2 Klimowski Fauvette
609 White Gordon L
612 Smith Dolph H 342-0134
613 Coon Beva I Mrs @ 342-1125
614 Vacant
617 Hanson Minnie E Mrs @ 342-2795
Bsmr Hall Wesley 343-4782
618 Haxby Thelma V Mrs @ 342-7870
618 1/2 Montgomery Donald L
622 Balderramos Tony A @ 342-4618
623 Benson A L 342-1448
628 Robison Anna Mrs @ 342-7268
629 Protheroe Bess Mrs @ 343-0477
630 Valandra Joseph C 343-8246
632 Vacant
633 Vacant
634 Vacant
702 Galbreath R E 342-5618
714 Potter Charles R @ 343-4954
716 Masgoneil Dean @ 343-0465
720 Dale Wm 342-9479
732 Huffman Clara A Mrs @ 342-6210

DALE DR.—FROM 410 CANYON LAKE

DR SOUTHWEST 1 BLK TO DEAD

END

ZIP CODE 57701

4103 Fischer John J @ 342-6931
4104 Bebout Sylvia Mrs @ 342-1776
4215 Owens Jack @ 342-4311
4225 Scott Elsie Mrs @ 342-5607
4235 Nelson Elmer A @ 342-0110
Nelson Agnes 343-6094

DEADWOOD AV.—FROM 100 BLK 12TH

NORTHWEST

ZIP CODE 57701

323 Vacant
325 Alcoholics Anonymous 342-9808
Boyd Ned C @ 342-7323
326 Vacant
329 Vacant
410 Vacant
414 Vacant
431 Rapid Creek Apartments
1 Hunsinger Ruth A Mrs @ 342-8488
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6 Vacant
7 Vacant
8 Vacant
9 Vacant

10 Vacant
end Anderson Millwork Co 342-1743
B H P & L Co (Power Plant) 342-3200
Barber Transportation Co 342-7400
end Clare C P & Co electronic equip
342-8688
Dakota Block Co 342-6070
Dakota Steel & Supply 342-6070
Downen Drilling Co 787-4525
Downen Warren 787-4525
Evans J D Equipment Co contr's equip
343-2626
Fischer Furniture (Whse No 2)
Holeman G M Diesel Inc 348-0374
Whalen John P @ 343-6193
Kiewit Peter Sons Co genl contr
342-5114
Krebs Abbie A Mrs @ 342-4507
Krebs Alois J @ 342-9434
Krebs Clarence J @ 342-9485
Lien Bruce H @ 343-1516
Lien Pete & Sons Inc quarry 342-7224
Light Aggregates Inc bldg materials
342-6070
Mc Donald Francis P @ 342-2554
Rapid Tank & Supply Co steel
fabricators 342-6522
Sheehan T M Equipment Co constr
machy 342-5694
Staten James F @ 348-0831
Summit Construction Co bldg contr
342-8300
Summit Inc genl contr 342-8300
Universal Transport Inc 348-1063

DEBRA DR.—FROM 3919 CLIFTON ST

NORTH

ZIP CODE 57701

DEGEEST ST (RAPID VALLEY)—FROM

TWILIGHT DR NORTH

ZIP CODE 57701

Arguello Joseph @ 342-5872
Degeest Edward @ 343-4061
Martens Richard @
Olson Jerry L @ 343-3192
Swinehart Orion W @ 343-2353
Vacant

DENVER ST.—FROM EAST BLVD

NORTHWEST 7 NORTH OF MAIN

ZIP CODE 57701

20 Barry Cecilia Mrs @ 342-5075
Rear Barry Earl H
N 1ST ST INTERSECTS
103 Vacant

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CUYAHOGO ST—Contd

4307 Ausdale Donald P @ 343-8199

CYPRESS CT —FROM 3420 CYPRESS ST IN SEMI CIR

ZIP CODE 57701

3420*Thoele Kevin B 342-2325
3423 Rose June Mrs @ 342-1891
3424 Maynard Clair F Jr @ 342-0111
3604 Baker Harold C @ 342-9210
3505 Backus Russell R @ 343-0914
3508 Purdy Rick @ 348-7393
3509 Wallstrom Ronald @ 348-3705

CYPRESS ST —FROM 100 E MONTANA SOUTH

ZIP CODE 57701

3201 Mardis Marty @ 343-8517
3202*Garcia Fredk @ 348-2504
3207*Matheny Steve C 343-6609
3208 Hamilton John A Jr @ 342-7821
3211*Maushak Wm 343-4639
3212 Cniderster Bernice O @
3303 Neal Roger P @ 342-0655
3304 Roda Wayne F @ 341-5514
3309 Vacant
3310*Halgeson Jeffrey J @ 342-5677
3313 Scrivener Rodney R @ 348-8734
3314 Ashcraft Elvin L @ 341-3670
3319 Peterson Doris M @ 348-7154
3320 Dahlke Juel @ 348-8874
3323 Vacant
3324 Yule Kenneth W @ 341-1301
3329 Graesser Wm L @ 348-3496
3330 Juchemich Joseph E @ 342-0307
3401*Pearce Don @ 342-4708
3402 Wertz Donald L @ 348-0365
3406 No Return
3407*Nelson Geo A 342-8476
3410 Wheelhouse H @ 342-7928
3413*Smith Ronald W @ 343-8648
E ANACONDA RD INTERSECTS

DAKOMING ST —FROM 2417 HIDDEN TIMBER SE

ZIP CODE 57701

2401 Bryan Eldon A @ 343-6810
2402*Hagan Clinton V @ 342-8282
2409*Miller A L @ 343-1166

DAKOTA DR —FROM W MAIN ST SOUTH 2 WEST OF BAKEN PARK

ZIP CODE 57701

515*Wiley Todd H 343-4046
515*Stahnke Michelle 348-3949
601 No Return
605*Ormesher Bob
609 White Gordon L @ 342-1618
613 Thomas Norman C @ 348-8907
617 Jones Jack A House Moving 348-1870
Jones Jack A @ 348-1870
623 Dzinars Gunar P @ 348-6277
629 Rousseau Edw O @ 342-1707

701 Apartments

103 Sterr Nina I 342-7618
104*Robbins Craig
203 Danburg Elmer V 342-2681
204 Knudson Bernese O Mrs 341-3038
303*Sigler David 348-1372
304*Williamson Steven P

705 Apartments

101*Hingman Larry W 348-5888
102*Meyer Mike
201 Holmes C Ralph 348-8676
202 Wells Jennifer 348-4282
301 Taylor Ralph L Jr 341-5417
302*Martin Geo 342-6893

707 Apartments

103*Meyer Joseph A 342-8249
104*Holsing Linda 342-3536
203 Dale Agnes Mrs 342-9479
204*Stotelmeyer Albina 343-1308
303 Lester Marian Mrs 343-9031
304 Higashi Lily 342-7500

715 Apartments

101*Anthony Leonard L 342-0390
102*Lane Chrystal P 341-2690
201*Larson Carl J 342-1725
202*Manning Lynn
301*Van Schoonhoven Tim 343-9635
302*Bowman Elder

717 Apartments

103 Ott Joan E Mrs 342-7139
104 Orvik Alvin G 343-4469
203*Watt Gary 343-4178
204*Braden Thelma P 341-3185
304 De Jong Diane L 341-4828
303*Besser Ernst H 348-2098

725 Apartments

101*Roberts Wm G
102 Kupitz Fredk W 348-9059
201 Sanders Maybelle L 343-7622
202*Hawkins Oran W 343-0058
301*Anderson Glenn Mrs
302*Schwarz Mark 341-7692

729 Apartments

103*Robertson Rives 341-4950
104 Vacant
203 Harrington Leah M Mrs 342-8903
204 Reed Fred L 342-2536
303*Corneilus Clarence 343-9093
304*Garreau Monica 341-4386

733 Apartments

101*Levison Janella K 343-5433
102*Bahnon Raymond 348-9766
201 Mittet Hazel Mrs 342-6169
202 Ackerman Frank L Mrs 343-2100
301*Korner Robt W 341-6428
302*Freeman Tom 342-0597

DALE DR —FROM 410 CANYON LAKE DR SOUTHWEST 1 BLK TO DEAD END

ZIP CODE 57701

4103*Fischer Eugenia Mrs @ 342-6931
4104 Bebout Walter W @ 343-3385
CANYON LAKE DR INTERSECTS
4215 Owens Jack S @ 342-4311
4224 Paulson Gordon L @ 348-0161
4225 Scott Elsie Mrs @ 342-5607
4233 Nelson Elmer A @ 342-0110
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DAWN ST (RAPID VALLEY)—FROM E 39TH ST 1 BLK NORTH OF HARNEY VIEW

ZIP CODE 57701

BOX NUMBERS IRREGULAR
2219 Corrales Susan @ 342-9597
2245 Berner Lester M @ 343-8403
2255 Clausen Gregg A @ 341-1052
3706 Darrow Rick L @ 343-3497
3707 Mc Bride Robt E Rev 348-0057
3709 Mc Neil Keith A @ 348-7498
3710 Crane Bobby @ 343-6384
3711 Schindler Milo M @ 348-0633
3712 Allender John K @ 342-4713
3718 Valley Drain & Sewer
Liedle Allen @ 343-9578
3742 Ellis
3770 Hellman Edw L @ 342-3746
3785 Wiedmaier Martha Mrs @ 342-6453
3806 Wortman Mark @ 348-4418
3807 Richards Wm A @ 343-1348
3814 Howard Robt W @ 343-9276
3819 Mc Kay James M @ 348-1487
3826 No Return
3832*Jurda Celestine M 342-7107
3833 Lindholm Le Roy @ 343-5576
3844 Roth Jacob K @ 343-2882
3852 Scott Donald E @ 348-3137
3897 Riep Robt Jr @ 348-6301

DEADWOOD AV —FROM JUNCTION OF W MAIN ST & W CHICAGO ST NORTHWEST

ZIP CODE 57701

101 Pettibone constn equip 348-4211
102 Myers Ray H Jr @ 348-9955
105a*Robinson Wm
105b*Parker Frank 348-1288
105c*Beshara Terry
107 Green Valley Builders & Supply Inc
343-6421
107 1/2 Bateman John 342-7315
325 Alcoholics Anonymous 342-9808
BX NUMBERS
bx33 Meiners Animal Clinic 343-5089
Beka Ditching 342-6404
Brablec Construction Co Inc bldg
342-3390
Samco Plaza

ROOMS

A Armo Construction Products 348-7700
B Development Contractors Inc 343-2000
C Anderson Heating & Air Conditioning
342-1966
D Car Doc auto repr 343-6181
E B H Waterbeds 342-4558
G Lien Tom Construction Inc 343-5122
H Montgomery Ward appl repr 342-4457
I Twin City Testing & Engineering
Laborator Inc 348-5850
J Soil Exploration Co 348-5850
J Dakota Radiator 341-6634
K Vacant
L Rapid Custom Cycle 342-6296
M Burns Fire Equipment Co 343-6092
N Black Hills Girl Scouts Council
343-6355

O Famous Brands Inc 341-5823
P Vacant
Q South Dakota Iron & Steel 341-1051
R Alwood Manufacturing 342-8266
S Foam Insulators 343-6096
T Clints Electric 342-2098
U Arlen's Automotive Repair 341-1366
V Arnick Sound conl sound & fire alarm
contr 348-3633

W Volk Bros Electric Co elec contr
342-9332

X B C-Custom Cycle 341-8975
Y Darrow Sports 348-2646

Tel Co (Whee)
Stge Unlimited Stge Units 342-1740
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Z A & B Golf Carts

1 Rapid Upholstery 343-3007
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end Anderson Millwork Co planning mills
342-1743

Ct B H P & L Co (Power Plant) 348-1700
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343-0222

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348-1566

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retail 343-2222

Horizons Inc map mkrs aerial photos
343-0280

Dakota Block Co 342-8070
Dakota Steel & Supply 342-6070

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TIMBER SE**

58

ZIP CODE 57702
2401 Bryan Eldon A ● 343-6810
2402★Hartin Jack L
2409 Miller Al L ● 343-1166

**DAKOTA DR -FROM W MAIN ST
SOUTH 2 WEST OF BAKEN PARK**

45

ZIP CODE 57702
515 Vacant
515½ Vacant
519 Vacant
601 No Return
Bemt Vacant
605 Paul Ralph E ● 348-9674
609 White Gordon L ● 342-1618
613 Vacant
617★Heriger Karry 342-6512
623 Dzintars Gunar P ● 348-6277
629 Rousseau Helen M Mrs ● 342-1707
701 Apartments
103 Moser Betty A Mrs 342-2506
104 Black Virginia A 342-2134
203 Mc Clellan Edith 343-0649
204★Mc Kee May 341-3235
303 Miller L C 343-2853
304 No Return

705 Apartments
101 Chilstrom Irene M 342-6112
102 Ingram Clarence R 341-6023
201 Gay Doris L 342-1541
202 Heitmann Erna J 341-7643
301 Oja Lola 343-8726
302 Olsen Harriet 342-9480

707 Apartments
103 Klein Rosalyn G Mrs 342-8962
104 Erickson Albert W 341-4874
203 Bierman Wm J
204★Davis Ed 342-3983
303 Petersen John R 348-9104
304 De Namur Florence 341-0049

715 Apartments
101 Good Leo B 341-5070
102 Meyer Jean L Mrs 342-8249
201 Larson Thelma M Mrs 342-1725
202★Tunnell Ellen B 343-1142
301★Haight Mildred 341-3217
302 Vaughn Marjorie E Mrs 343-5330

717 Apartments
103 Thompson Dorothy L 348-4558
104★Woldt Verna Mrs 348-7840
203★Bickel G E 343-8122
204 Thomas Eva M 341-4572
303 Ormesher Wayne L 348-8180
304★Loriomer Mary Cathering 343-8177

725 Apartments
101 Genzlinger Alvin 342-5798
102 Kupitz Fredk W 348-9059

201★Titus Merle 342-4998
202 Burnfin Coty 341-1045
★Heutenroeder A L 342-8298
302 Callon Zeola B 342-4935
729 Apartments
103★Frey Mary
104 Lange Grace 342-7688
203★Mayer E 348-7192
204 Duff Anne M Mrs 348-0667
303★Weiss Nancy 341-4802
304 Hughes Yong Mrs
733 Apartments
101 Vacant
102★Pool Fern 342-6433
201 Mittet Hazel B Mrs 342-6169
202 Vacant
301 Wang Sandra
302 Vacant

**DALE DR -FROM 410 CANYON LAKE
DR SOUTHWEST 1 BLK TO DEAD
END**

54

ZIP CODE 57702
4103 Vacant
4103½ Vacant
4104 Hansen Eric Shane
CANYON LAKE DR INTERSECTS
4215 Owens Jack S ● 342-4311
4224 Goodwin Susan A ● 348-6881
4225 Heeren John E ● 343-2370
4233 Nelson Elmer A ● 342-0110
Nelson Agnes ● 343-6094

**DANBURY CIR -FROM HUNTINGTON
LA WEST**

59

ZIP CODE 57702
2421 Fuhrer Marlin R ● 343-0525
2429 Chaulk Dan L ● 343-0636
2437 Doerr Harold A ● 342-2839
2445 Moyle Clark ● 342-9247

DANLEY DR -

53

ZIP CODE 57702
4020★Sorensen James B ● 348-4882

**DAWN ST (RAPID VALLEY)-FROM E
38TH ST 1 BLK NORTH OF HARNEY
VIEW**

61

ZIP CODE 57701
2219★Fitzner Marvin D 393-1081
2245 Berner Lucille E Mrs ● 393-2245
2255 Vacant
3706 Walker John K ● 393-1005
3707 Anderson David L ● 393-2593
3709 Haugse Cheryl R Mrs 393-0809

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KLUTHE & LANE INSURANCE
For all your insurance needs **343-2323**
627 MT. RUSHMORE ROAD • RAPID CITY

75

★ NEW NEIGHBOR

DAWN ST (RV)-Contd

3710 Crane Bobbie L ● 393-0117
3711 Schindler Milo M ● 393-0030
3712 Jakeway Floyd D
3718 Liedle Allen ● 393-2292
3742 Castine Peter H ● 393-0422
3770 Hellman Edw L ● 393-2059
3785 Wiedmeier Martha Mrs ● 393-0011
3806 Wortman Mark J ● 393-2717
3807 Torres Dennis R ● 393-2821
3819 Mc Kay James M ● 393-1487
3826★Roseboom Denise
3832 No Return
3833 Schumacher Paul P ● 393-0874
3844 Roth Jacob K ● 393-2434
3852 Scott Donald E ● 393-2657

**DEADWOOD AV -FROM JUNCTION OF
W MAIN ST & W CHICAGO ST
NORTHWEST**

46

ZIP CODE 57702
20 U-Haul Moving & Storage Rentals
348-1151
EAST END OF DEADWOOD AV
W CHICAGO ST INTERSECTS
409 B H P & L Co (Power Plant) 342-3200
B H P & L Co (Cust Serv) 342-3200
540 Prorate Forty-Eight permits & bonds for
trks 341-8887
Roadway Express trucking 342-4863
Barber Co property rentals 341-0552
Lewis Truck Lines 341-6942
Hyman Freightways Inc 342-7400
Cloverdale Foods food distr whol
341-7482
Freight Management Systems freight
consultants 342-4863

691 Brewer J W Tire Co 343-4560
747 Timberline Corporation mfg novelty
items 342-6161
753 Prang's-Anderson Millwork Co planing
mills 342-1743

1090 Backwoods Bungalows mfg camper
trailers 348-8291
Corporate Publishing publishing brokers
348-8291

1140 Contractors Insulation & Dry Wall
Supplies dry wall sups & tools
343-6533
Horst Masonary Construction contrs
343-7404
Horst Acoustical Co 343-7404

1212 Vacant
N W Bell Telephone Co (Whse)
1310 Black Hills Transmissions 348-6308
1330 Inland Truck Parts Co 348-4344
1540 Miller Equipment Inc constn equip
348-1666
1543 Vacant
1636 Horizons inc map mkr & arial photos
343-0280

1641 Banner Associates Inc consulting eng
343-0222
1650 Beka Ditching Corp underground
utilities 342-6404
1680 Brablec Construction Co Inc bldg contr
342-3390
Sweetman Construction Co 343-5564
1741 Stalheim Machinery Inc constn machy
als & serv 343-4500
1810 Sheehan Mack Sales & Equipment
constn machy 342-5694
1947 Interstate Diesel Products Inc 348-0374
2090 Rapid Chevrolet Co Inc 343-1282
2320 Biersbach Equipment & Supply contr
equip rental 348-6440
2380 Summit Inc contrs mining 342-8300
2460 Evans J D Inc contr equip 343-2626
2473 Diesel Machinery Inc hvy equip als serv
parts 348-7438

POOL DR INTERSECTS
2530 West River International truck repr
343-7675
2783 Windmill Gift Shop The 348-7070
2803 Windmill The restr 348-7072
1-90 INTERSECTS
cor Jenner Equipment Co farm & garden
tractors 343-6682
90 Butler Machinery Co Inc contr equip
342-4850
end Hackett Henry H & Sons gen contr
342-3144
Heavy Constructors excavating contrs
342-3152
Excavating Specialists Inc utility
contractors 342-3149
Dehn Ken & Son Oil Co texaco oil
jobber 341-4550

DEALERS ST (RAPID VALLEY)-

63

ZIP CODE 57701
5301 Schock Mark 393-1806

**DEAN LA -WEST FROM STURGIS RD 1
NORTH OF W CHICAGO ST**

49

ZIP CODE 57702
NUMBERS IRREGULAR
4125★Dean Morah M Mrs 342-4630
4059★Frazee Wm L ● 348-4609
4055 Vacant

**DEBRA DR -FROM 3919 CLIFTON ST
NORTH**

54

ZIP CODE 57702
1705 Fitzgerald Floyd J ● 342-4070

A.G. Edwards & Sons, Inc.
INVESTMENTS SINCE 1887

343-7555

440 Mt. Rushmore Rd.

Rapid City, SD 57701



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HOMEOWNER

72

CYPRESS CT--Contd

3508 Purdy Richd W @ 348-7393
3509 Walstrom Ronald F @ 348-3705

CYPRESS ST --FROM 100 E MONTANA SOUTH

ZIP CODE 57701

3201 Mardis Marline @ 343-8517
3202 Vaughn Randy @ 341-6491
3207 Vacant
3208 Hamilton John A Jr @ 342-7821
3211 Browne Greg S 348-9471
3212 Chudester Bernice O @ 342-6978
3303 Robbins Chester L @ 348-1913
3304 Wiloth Paul F @
3309 Jones Clifton 348-4285
3310 St Pierre David M 341-6170
3313 Grace Patrick K @ 341-0576
3314 Clark Patk E @ 343-0521
3319 Weber Mary L Mrs @ 348-7705
3320 Dahlke Juel G @ 348-8874
3323 Auwerter Don @ 341-1049
3324 No Return
3329 Graesser Wm L @ 348-3496
3330 Juchemich Joseph E @ 342-0307
3401 Downing Attila 341-1044
3402 Wertz Donald L @ 348-0365
3406 No Return
3407 Haley Diane C @ 342-0167
3410 Erickson Kevin E @ 343-2162
3413 Smith Ronald W @
E ANACONDA RD INTERSECTS

DAKOTING ST --FROM 2417 HIDDEN TIMBER SE

ZIP CODE 57702

2401 Bryan Eldon A @ 343-6810
2402 Hagen Clifton V @ 343-0421
2409 Miller Al L @ 343-1166

DAKOTA DR --FROM W MAIN ST SOUTH 2 WEST OF BAKEN PARK

ZIP CODE 57702

515 Skuza Donn F @ 348-4464
519 White Gordon L 342-1618
601 No Return
605 Paul Ralph E @ 348-9574
613 Levitt Dave M 341-8909
617 Heriger Karry 342-6512
623 Dintars Gunar P @ 348-6277
629 Rousseau Helen M Mrs @ 342-1707
701 Dakota Dr Apartments apts
103 Moser Betty A Mrs 342-2506
104 Mareck Mary
203 Mc Clenahan Edith 343-0649
204 Mc Kee May R 341-3235
303 Miller Lilian C 343-2853
304 Tech Emil
706 Apartments
101 Elieson Carrol 342-6112
102 Ingram Clarence R 341-0623
201 Gay Doris L 342-1541
202 Chilstrom Irene 342-6112
301 Oja Lola M 343-8726
302 Vacant

707 Apartments

103 Klein Rosalyne G Mrs 342-6962
104 Erickson Albert W 341-4874
203 Sandifer Cleada 341-0449
204 Casbeer Jerry
303 Hall Carolyn T 348-2354
304 Vacant

715 Apartments

101 Sheroch Ollie 342-5051
102 Meyer Jean L Mrs 342-8249
201 Larson Thelma M Mrs 342-1725
202 Tunnell Ellen B 343-1142
301 Wilhens Chas
302 Darham Jack 342-4431

717 Apartments

103 Thompson Dorothy L 348-4558
104 Woldt Verna 348-2840
203 Bickel George E 343-8122
204 Thomas Eva M 341-4572
303 Ormesher Wayne L 348-8180
304 Pond Adilaide

725 Apartments

101 Genzlinger Alvin 342-5798
102 Kupitz Freck W 348-9059
201 Titus Merle 342-4996
202 Burnfin Coty 341-1045
301 Heutzenroeder Alvin L 342-8298
302 Peters Doug 341-7011

729 Apartments

103 Schumacher Selma
104 Myrick James H 341-5562
203 Mayer E 348-7192
204 Coffee Marlene
303 Vacant
304 Laspine Joseph

733 Apartments

101 Hawkinson Andrew 348-3693
102 Pool Fern 342-5433
201 Turpen Virgil 342-6168
202 Tarr Eilene 343-4714
301 Wigner Brian R 341-6908
302 Vacant

DALE DR --FROM 410 CANYON LAKE DR SOUTHWEST 1 BLK TO DEAD END

ZIP CODE 57702

4103 Steinley Gene
4103 Davenport Debbie J 348-7025
4104 Hansen Eric
CANYON LAKE DR INTERSECTS
4215 Owens Jack S @ 342-4311
4224 Goodwin Susan A @ 348-8881
4225 Heeren John E 343-2370
4233 Nelson Elmer A @ 342-0110
Nelson Agnes @

DANBURY CIR --FROM HUNTINGTON LA WEST

ZIP CODE 57702

2421 Samuelsen John D 341-3023
2429 Doyle Jas J @ 343-7309
2437 Doerr Harold A @ 342-2839
2445 Moyle Clark @ 342-9247

Culligan.

BOTTLED WATER

Call For Free Installation And Delivery

343-7123

2447 W. Main

73

NEW NEIGHBOR

DANLEY DR --

ZIP CODE 57702

4030 Sorensen James B @ 348-4882

DAWN ST (RAPID VALLEY)--FROM 3719 HANEY VIEW EAST TO E 39TH ST

ZIP CODE 57701

2219 Vacant
2245 Sues Monogram Shop monograms
393-2245
Bernier Lucille E Mrs @ 393-2245
3706 Walker John K @
3707 Vacant
3709 Hauge Jack E
3710 Crane Bobbie L @ 393-0117
3711 Schindler Milo M @ 393-0030
3712 Jakeway Floyd D
3718 Liedle Allen @ 393-2292
3742 Ingram Michael @ 393-2048
3770 Hellman Edw L @ 393-2059
3785 Wiedmeier Martha @ 393-0011
3806 Wortman Mark J @ 393-2717
3807 Torres Dennis R @ 393-2821
3819 Mc Kay James M @ 393-1487
3826 No Return
3832 Verzina Linda 393-0227
3833 Schumacher Paul P @ 393-0874
3844 Roth Jacob K @ 393-2434
3852 Scott Donald E @ 393-2657
HARNEY VIEW INTERSECTS
HILLTOP INTERSECTS

DEADWOOD AV --FROM JUNCTION OF W MAIN ST & W CHICAGO ST NORTHWEST

ZIP CODE 57702

20 U-Haul Moving & Storage Rentals
348-1151
EAST END OF DEADWOOD AV
W CHICAGO ST INTERSECTS
250 Fearless Fischer Furn (Whse)
409 B H P & L Co (Power Pnt) 342-3200
B H P & L Co (Cust Serv) 342-3200
540 Roadway Express trucking 342-4863
Barber Co property rentals 341-0552
Lewis Truck Lines 341-6942
Hyman Freightways Inc 342-7400
N W Transport Serv 348-8812
Crouse Cartage Co 343-1186
Quast Transfer 348-0770
Freight Management Systems freight
consultants 342-4863
RAND RD INTERSECTS
691 Brewer J W Tire Co 343-4560
747 Vacant
753 Anderson Millwork & Doors 342-1743

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Rapid City, SD 57701



53

PLANT ST INTERSECTS
1090 Cal-Spas of South Dakota hot tubs &
spas 343-5869
1140 Contractors Insulation & Drywall
Supply drywall sups & tools 343-6533
Horst Masonry Construction Inc contrs
343-7404
Horst Acoustical Co Inc 343-7404
COMMERCE RD INTERSECTS
LIEN ST INTERSECTS
1310 Black Hills Transmissions 348-6303
1330 Inland Truck Parts Corp (Addl Sp)
1330 Inland Truck Parts Co 348-4344
1340 Inland Truck Parts Corp (Addl Sp)
1350 Pac Rat Palace 348-4240
1370 Fasteners Inc fastener mfrs 342-3337
1400a A B C Seamless of Rapid City siding
contr 341-2953
1400b G & H Distributing Co matl hndlg
equip 342-6739
1420a Dakota Amusement Games amusement
devices mfrs 342-4263
1540 Miller Equipment Inc constr equip
348-1566
1635 Vacant
1641 Banner Associates Inc consulting eng
343-0222
1650 Beka Ditching Corp underground
utilities 342-6404
1660 Brable Construction Co Inc bldg contr
342-3390
Sweetman Construction Co 343-5564
1741 Stalheim Machinery Inc constr machy
sls & serv 343-4500
1810 Sheehan Mack Sales & Equipment
constr machy 342-5694
1947 Interstate Detroit Diesel Products Inc
348-0374
2090 Rapid Chevrolet Co Inc 343-1282
2320 Bierschbach Equipment & Supply contr
equip rental 348-6440
Summit Signs & Supply signs 342-8303
2380 Summit Inc contrs mining 342-8300
Adams Machining Inc 342-3275
6 Lynx Inc 348-8810
2460 Evans J D Inc contr equip 343-2626
Mister Patch contr paving 341-0722
2530 West River International truck repr
343-7575
POOL DR INTERSECTS
UNIVERSAL DR INTERSECTS
2783 Windmill Truck Stop 348-7070
2803 Crack'd Pot the restr 342-9456
Pronate 48 341-8887
1-90 INTERSECTS
cor Jenner Equipment Co farm & garden
tractors 343-6682
90 Butler Machinery Co Inc contr equip
342-4850
Diesel Machinery Inc contr-sup & equip
348-7438
end Hackett Henry H & Sons gen contr
342-3144

960 Cambell (57701)

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DALY CT - DEADWOOD AVE

DALY CT Cont'd

3770 Schlottman George N [B]605-393-1474
Schlottman Shirley A605-393-1474
HOUSEHOLDS 11

DAMVIEW RD (BOX ELDER)

+ PRAIRIE RD INTERSECTS
+ SWALLOW DR CONTINUES
* ZIP CODE 57719 CAR-RT H082

507 Fogle Mildred A [B]605-923-5358
509 Spicer Randolph [B]605-923-5918
Spicer Barbara M605-923-5918
511 Feickert Heather605-923-4725
512 Burns Anthony G [B]605-923-4253
Burns Janelle R605-923-4253
513 Knight Marcey L & Kenneth C [B]605-923-5241
517 Davidson Aric605-923-4039
+ FALCON DR ENDS
+ PRAIRIE RD BEGINS

HOUSEHOLDS 6

DAN CHRISTY LN (RAPID CITY)

* ZIP CODE 57701 CAR-RT H040

5311 El Folkstad Sheila

HOUSEHOLDS 1

DANBURY CIR (RAPID CITY)-FROM 2361

HUNTINGTON PL

* ZIP CODE 57702 CAR-RT C034

2421 Samuelson John D & Sally E [B]605-341-3023

2429 Doyle Jane A & James J [B]605-342-2839

2437 Doerr Harold A III & Juli A [B]605-341-0239

2445 Butt John605-341-0239

+ THAMES CIR INTERSECTS

HOUSEHOLDS 4

DANBY PARK TRL (CUSTER)

* ZIP CODE 57730 CAR-RT R002

25027 Bassett Robert605-673-3045

HOUSEHOLDS 1

DANE DR (BLACK HAWK)

* ZIP CODE 57718 CAR-RT R002

4905 Knapp Chad A605-718-5418

4910 Schmaltz Wandaa605-787-9286

HOUSEHOLDS 2

DANE CHURCH RD (WHITEWOOD)

* ZIP CODE 57793 CAR-RT R001

19887 Ensor Frank P & Lynn J [B]605-269-9281

HOUSEHOLDS 1

DANLEY DR (RAPID CITY)-FROM 4099

CARRIAGE HILLS DR

* ZIP CODE 57702 CAR-RT R004

4020 Not Verified

4030 Sorensen James B & Brenda T [B]605-348-4882

HOUSEHOLDS 2

DANUBE LN (RAPID CITY)-FROM 295 ALPINE

DR SOUTH

* ZIP CODE 57702 CAR-RT H033

245 Brooks Stan & Melody605-574-2159

247 Reese David A [B]605-574-2767

249 Engler Maggie M [B]605-574-4559

ROCKY MOUNTAIN ELK FOUNDATION
envrmtl conservation/ecology 605-574-3239

260 Verbeck Christopher & Michelle605-574-4275

+ BRENNER PASS BEGINS
+ ALPINE DR INTERSECTS

HOUSEHOLDS 4

DARK CANYON PL (RAPID CITY)-FROM 8131

DARK CANYON RD

* ZIP CODE 57702 CAR-RT R011

6101 Christiansen John A & Vy D [B]605-342-5476

6105 Brodsky Edward J [B]605-342-5476

6115 Duniphan Jeanie P [B]605-342-6339

6125 Dull Richard & Margaret [B]605-341-7319

HOUSEHOLDS 4

DARK CANYON RD (RAPID CITY)

* ZIP CODE 57702 CAR-RT R011

6100 Edgington Jim L [B]605-399-3803

Edgington Kelly D605-399-3803

6101 CHRISTIANSEN & CHRISTIANSEN

nonclassified establishments605-348-7743

6120 Davis Eugene J [B]605-341-5885

Davis Mary M605-341-5885

6145 Murphy Ken J Jr [B]605-348-8848

Murphy Jeremy J605-348-8848

6305 Not Verified

6350 Stover Corey E & Patricia L [B]605-348-2231

6360 Not Verified

6565 Rudel Arlyn N & Dons V [B]605-348-2231

6595 Keys Stanley T & Norma J [B]605-342-4380

6630 Gardas Gerald M & Arlene A [B]605-342-1970

6650 Whalen Paul J605-343-2416

6660 Nansel Loren L [B]605-394-5452

Nansel Avery605-394-5452

6670 - 6961 Not Verified (2 Hses)

6965 Barber William G [B]605-343-2015

6985 Lockhart James W Sr [B]605-343-1999

Lockhart Elizabeth B605-343-1999

7100 Rathbun Julie A605-343-5328

7110 Stelow Nathan605-342-8096

7120 Cherry Farrell W [B]605-348-4217

DARK CANYON RD Cont'd

7124 Kassube Deborah A [B]605-341-3756
Kassube Jaymie R605-341-3756
7130 QUAM-HAAKENSEN ANN marriage & family
counselors605-348-9633

7450 Walsh B605-348-7707

7605 Not Verified

7870 Peterson John605-342-1463

7950 Bones Clyde [B]605-341-3721

8053 Ivey Sherri A [B]605-342-8976

8055 Thompson Jeffrey M & Jane L [B]605-343-9374

8100 Young William M [B]605-342-3914

8125 Johnson Michael L [B]605-341-1452

Johnson Cathy L605-341-1452

8265 Ellison Bruce H [B]605-388-9636

8300 Olinger C605-388-9636

BUSINESSES 2 HOUSEHOLDS 29

DARTMOUTH AVE (NEWELL)

* ZIP CODE 57760 CAR-RT H066

605 Fitch Kandi605-456-1493

Piekkola Leila [B]605-456-2960

613 Enkson Corey [B]605-456-1073

806 Wahlfeldt Barbara605-456-1342

810 Phillips Michael L [B]605-456-2530

Phillips Mary E605-456-2530

814 Stapp Tom [B]605-456-2347

818 Watz Kenneth [B]605-456-2247

* ZIP CODE 57760 CAR-RT R001

913 Pawlowski Michael & Ruth605-456-1295

HOUSEHOLDS 8

DATUM CREEK PL (SPEARFISH)

* ZIP CODE 57783 CAR-RT R001

19851 Edwards Charles E605-642-2223

Edwards Sarah A605-642-2223

HOUSEHOLDS 1

DAUGHENBAUGH RD (HERMOSA)

* ZIP CODE 57744 CAR-RT H089

24200 Doud Lindsay605-255-5608

24202 Ness Odean L [B]605-255-5608

+ S HIGHWAY 79 ENDS

24206 Not Verified

24207 Dye Jack & Penny [B]605-255-4586

24208 Powell Lyle K [B]605-255-4418

24210 Not Verified

24211 Fife Cory J & Sherie L [B]605-255-4004

24212 Mintzloff Eryn [B]605-343-0083

* RAILROAD CROSSES

HOUSEHOLDS 8

DAVIS DR (ELLSWORTH AFB)

+ SCHRIEVER ST INTERSECTS

* ZIP CODE 57706 CAR-RT C007

2690 SOUTH DAKOTA AIRSPACE MUSEUM

museums605-385-5188

+ LEMAY BLVD INTERSECTS

BUSINESSES 1

DAVIS ST (CUSTER)-FROM 257 LINCOLN ST

NORTHWEST

* ZIP CODE 57730 CAR-RT C001

420 Blaine James W [B]605-673-4565

Blaine Hazel M605-673-4565

+ CLAY ST INTERSECTS

+ N 2ND ST INTERSECTS

HOUSEHOLDS 1

DAWKINS RD (RAPID CITY)-FROM 15633

ANTELOPE CREEK RD EAST

+ DERBY LN CONTINUES

+ DERBY LN INTERSECTS

+ RAILROAD CONTINUES

+ RAILROAD CROSSES

+ STATE HWY 44 INTERSECTS

+ MAIN ST INTERSECTS

* ZIP CODE 57703 CAR-RT R002

+ CAPUTA LOOP BEGINS

15350 Moment Jackie L [B]605-393-2783

15361 Schultoff Anastasia [B]605-393-8660

Schultoff Rob605-393-8660

15389 Mitchell William & Sandra [B]605-393-1939

15396 Onckey Bruce & Shirley [B]605-393-1155

HOUSEHOLDS 4

DAWN DR (SPEARFISH)

* ZIP CODE 57783 CAR-RT R002

5133 Stanley Ray R & Lynne E [B]605-642-2591

5136 Barden Jack [B]605-642-4470

Barden Elmer C605-642-4470

5137 Marsh William A Sr & Susan G [B]605-642-7568

5140 Mullaney Troy K & Tonya J [B]605-642-9596

5141 Markye Robert A [B]605-642-4758

HOUSEHOLDS 5

DAWN LN (RAPID CITY)-FROM 3899 HARNEY

VIEW DR NORTHWEST

+ HILLTOP DR ENDS

+ SHERRY CT CONTINUES

+ HARNEY VIEW DR ENDS

* ZIP CODE 57703 CAR-RT R007

2245 Straatmeyer Kenard H & Chansima S [B]605-393-8003

2255 - 3706 Not Verified (2 Hses)

3707 Anderson Roxanne L & David L [B]605-393-2878

3708 Shelhamer George C & Ruby M [B]605-393-0429

3709 Windje Robert L & Theresa M [B]605-348-0770

DAWN LN Cont'd

3710 Not Verified

3711 Schindler Milo M [B]605-393-0030

Schindler Kristen A605-393-0030

3712 Not Verified

3716 Woodden Thomas R [B]605-393-1963

3718 Not Verified

3742 Wilcox Tyler & Tara605-393-2390

3740 Not Verified

3785 Wiedmer Martha [B]605-393-0011

Wiedmer John G605-393-0011

3806 Wortman Mark J [B]605-393-2717

Wortman Dixie L605-393-2717

3807 Ellis Jimmy A & Sandra L [B]605-393-2997

3819 McKay Cleone L [B]605-393-1487

3826 Simonson Kevin G [B]605-393-9954

Simonson C605-393-9954

3832 Mikolash Charlotte T [B]605-393-0874

3833 Schumacher Paul P & Connie L [B]605-393-0908

3844 Roth Jacob K & Julia J [B]605-393-0908

3852 Not Verified

HOUSEHOLDS 22

DAY ST (BELLE FOURCHE)-FROM 301 7TH AVE

+ RIVERSIDE DR CONTINUES

* ZIP CODE 57717 CAR-RT C002

523 Bolte Scott K [B]605-723-1284

+ 6TH AVE INTERSECTS

601 BELLE FOURCHE WESLEYAN CHURCH

churches605-723-4364

604 Pope Jeffry D [B]605-723-2887

605 Not Verified

608 Henwood Timothy A [B]605-723-3279

Henwood Jeremy J605-723-3279

611 Ruby Leroy E [B]605-892-6783

Ruby Arlene L605-892-6783

623 Biegent Howard H Jr & Cindy M [B]605-723-4681

711 Not Verified

715 Palmer James H & Dawn M [B]605-723-4072

+ 8TH AVE INTERSECTS

803 Rohl Cori D605-723-2900

805 Wilen Max [B]605-892-7736

Wilen Thor C [B]605-892-7736

Wilen Karla

813 1/2 1 Piekkola Jennifer [B]605-892-3491

1 Piekkola Kenneth605-892-3491

817 Shaw Curtis W & Marilyn C [B]605-723-3745

823 Anderson Danielle605-723-0545

+ 9TH AVE INTERSECTS

901 Williams Raymond W & Evelyn M [B]605-723-0122

DAWN DR - DEADWOOD AVE N

105

HOMEOWNER

DAWN DR Cont'd

5133 Stanley Ray H & Lynne E ✓ [24] (1978)605-642-2545
 5136 Barden Elmer C ✓ [24] (1978)605-642-2545
 Barden Jack605-642-2545
 5137 Marsh William A Sr ✓ [24] (1978)605-642-7568
 5140 Mullaney Troy K & Tonya J ✓ [21] (1978)605-642-9596
 5141 Eller Eileen [24] (1978)

HOUSEHOLDS 5**DAWN LN (RAPID CITY)***** ZIP CODE 57703 CAR-RT R018**

2245 Straatmeyer Kenard H & Charisma S ✓ [10] (1900)605-393-8003
 2255 No Current Listing
 3706 Luebke Matthew J & Janyce L ✓ [7] (1962)605-393-4339
 3707 Anderson David L & Roxanne L ✓ [26] (1964)
 3708 Shelhamer George C & Ruby M ✓ [20] (1977)605-393-0429
 3709 Frost Daniel C ✓ [7] (1974)
 Frost Suzanne M
 TOMBSTONE TATTOOS tattooing ✓ @605-737-4337
 3710 Almond Robert W & Michelle D ✓ [20] (1968)605-393-2214
 3711 Schindler Milo M & Betty L ✓ [30] (1967)605-393-0030
 3712 Jakeway Floyd D & Carla J ✓ [20] (1968)
 3716 Woodden Thomas R & Betty I ✓ [50] (1994)605-393-1963
 3718 No Current Listing
 3742 Wilcox Tyler R & Tara J ✓ [11] (1963)
 3770 Helfman Edward L & Judy J ✓ [60] (1963)
 3785 Wiedmeier Martha ✓ [52] (1977)605-393-0011
 Wiedmeier John G605-393-0011
 3806 Wortman Mark J & Dixie L ✓ [24] (1981)605-393-2717
 3807 Ellis Jimmy A & Sandra L ✓ [21] (1967)605-716-7915
 3819 McKay Cleone L ✓ [37] (1965)605-393-1487
 3826 Simonsen Russell ✓ [20] (1977)
 3832 Mikolash Charlotte T ✓ [12] (1977)605-393-9954
 3833 Schumacher Paul P & Connie L ✓ [20] (1965)
 3844 Roth Jacob K & Julia J ✓ [20] (1971)605-393-0908
 3852 Embree James R & Dee L ✓ [2] (1963)605-393-0207

BUSINESSES 1**HOUSEHOLDS 22****DAY ST (BELLE FOURCHIE)***** 6TH AVE CONTINUES***** RIVERSIDE DR INTERSECTS**

*** ZIP CODE 57717 CAR-RT C002**
 604 Pope Jeffrey D & Roanna ✓ [14] (1957)605-723-2887
 605 No Current Listing
 608 [10] Larson Christina ✓
 611 Ruby Leroy E ✓ [11] (1957)605-723-6783
 623 Biegert Howard H Jr & Cindy M ✓ [20] (1957)605-723-4681
*** 7TH AVE INTERSECTS**
 711 No Current Listing
 715 Palmer James H & Dawn M ✓ [20] (1957)605-723-4072
*** 8TH AVE INTERSECTS**
 803 Meza Raul R & Veronica E [2] (1957)
 805 Carlson Cassie A ✓ [10] (1957)605-723-5450
 813 Joedicke Sami ✓ [2] (1957)
 Joedicke Ronald
 813 1/2 Hughes Larry B [2]
 Hughes Joyce
 817 No Current Listing
 823 [10] Price Sterling ✓605-723-5527
*** 9TH AVE BEGINS**
 901 Edwards Tom ✓ [10] (1957)
 Edwards Steven T
 [10] Schaub Loren ✓
 914 O'Connor Thomas D & Grace M [2] (1957)
 916 Biegert Scott E ✓ [2]
*** 10TH AVE INTERSECTS**

HOUSEHOLDS 17**DAY ST (BELLE FOURCHIE)***** 6TH AVE CONTINUES***** RIVERSIDE DR INTERSECTS**

*** ZIP CODE 57717 CAR-RT C002**
 604 Pope Jeffrey D & Roanna ✓ [14] (1957)605-723-2887
 605 No Current Listing
 608 [10] Larson Christina ✓
 611 Ruby Leroy E ✓ [11] (1957)605-723-6783
 623 Biegert Howard H Jr & Cindy M ✓ [20] (1957)605-723-4681
*** 7TH AVE INTERSECTS**
 711 No Current Listing
 715 Palmer James H & Dawn M ✓ [20] (1957)605-723-4072
*** 8TH AVE INTERSECTS**
 803 Meza Raul R & Veronica E [2] (1957)
 805 Carlson Cassie A ✓ [10] (1957)605-723-5450
 813 Joedicke Sami ✓ [2] (1957)
 Joedicke Ronald
 813 1/2 Hughes Larry B [2]
 Hughes Joyce
 817 No Current Listing
 823 [10] Price Sterling ✓605-723-5527
*** 9TH AVE BEGINS**
 901 Edwards Tom ✓ [10] (1957)
 Edwards Steven T
 [10] Schaub Loren ✓
 914 O'Connor Thomas D & Grace M [2] (1957)
 916 Biegert Scott E ✓ [2]
*** 10TH AVE INTERSECTS**

HOUSEHOLDS 17**DAY ST (BELLE FOURCHIE)***** 6TH AVE CONTINUES***** RIVERSIDE DR INTERSECTS**

*** ZIP CODE 57717 CAR-RT C002**
 604 Pope Jeffrey D & Roanna ✓ [14] (1957)605-723-2887
 605 No Current Listing
 608 [10] Larson Christina ✓
 611 Ruby Leroy E ✓ [11] (1957)605-723-6783
 623 Biegert Howard H Jr & Cindy M ✓ [20] (1957)605-723-4681
*** 7TH AVE INTERSECTS**
 711 No Current Listing
 715 Palmer James H & Dawn M ✓ [20] (1957)605-723-4072
*** 8TH AVE INTERSECTS**
 803 Meza Raul R & Veronica E [2] (1957)
 805 Carlson Cassie A ✓ [10] (1957)605-723-5450
 813 Joedicke Sami ✓ [2] (1957)
 Joedicke Ronald
 813 1/2 Hughes Larry B [2]
 Hughes Joyce
 817 No Current Listing
 823 [10] Price Sterling ✓605-723-5527
*** 9TH AVE BEGINS**
 901 Edwards Tom ✓ [10] (1957)
 Edwards Steven T
 [10] Schaub Loren ✓
 914 O'Connor Thomas D & Grace M [2] (1957)
 916 Biegert Scott E ✓ [2]
*** 10TH AVE INTERSECTS**

HOUSEHOLDS 17**DAY ST (BELLE FOURCHIE)***** 6TH AVE CONTINUES***** RIVERSIDE DR INTERSECTS**

*** ZIP CODE 57717 CAR-RT C002**
 604 Pope Jeffrey D & Roanna ✓ [14] (1957)605-723-2887
 605 No Current Listing
 608 [10] Larson Christina ✓
 611 Ruby Leroy E ✓ [11] (1957)605-723-6783
 623 Biegert Howard H Jr & Cindy M ✓ [20] (1957)605-723-4681
*** 7TH AVE INTERSECTS**
 711 No Current Listing
 715 Palmer James H & Dawn M ✓ [20] (1957)605-723-4072
*** 8TH AVE INTERSECTS**
 803 Meza Raul R & Veronica E [2] (1957)
 805 Carlson Cassie A ✓ [10] (1957)605-723-5450
 813 Joedicke Sami ✓ [2] (1957)
 Joedicke Ronald
 813 1/2 Hughes Larry B [2]
 Hughes Joyce
 817 No Current Listing
 823 [10] Price Sterling ✓605-723-5527
*** 9TH AVE BEGINS**
 901 Edwards Tom ✓ [10] (1957)
 Edwards Steven T
 [10] Schaub Loren ✓
 914 O'Connor Thomas D & Grace M [2] (1957)
 916 Biegert Scott E ✓ [2]
*** 10TH AVE INTERSECTS**

HOUSEHOLDS 17**DAY ST (BELLE FOURCHIE)***** 6TH AVE CONTINUES***** RIVERSIDE DR INTERSECTS**

*** ZIP CODE 57717 CAR-RT C002**
 604 Pope Jeffrey D & Roanna ✓ [14] (1957)605-723-2887
 605 No Current Listing
 608 [10] Larson Christina ✓
 611 Ruby Leroy E ✓ [11] (1957)605-723-6783
 623 Biegert Howard H Jr & Cindy M ✓ [20] (1957)605-723-4681
*** 7TH AVE INTERSECTS**
 711 No Current Listing
 715 Palmer James H & Dawn M ✓ [20] (1957)605-723-4072
*** 8TH AVE INTERSECTS**
 803 Meza Raul R & Veronica E [2] (1957)
 805 Carlson Cassie A ✓ [10] (1957)605-723-5450
 813 Joedicke Sami ✓ [2] (1957)
 Joedicke Ronald
 813 1/2 Hughes Larry B [2]
 Hughes Joyce
 817 No Current Listing
 823 [10] Price Sterling ✓605-723-5527
*** 9TH AVE BEGINS**
 901 Edwards Tom ✓ [10] (1957)
 Edwards Steven T
 [10] Schaub Loren ✓
 914 O'Connor Thomas D & Grace M [2] (1957)
 916 Biegert Scott E ✓ [2]
*** 10TH AVE INTERSECTS**

HOUSEHOLDS 11**DAY ST (BELLE FOURCHIE)***** 6TH AVE CONTINUES***** RIVERSIDE DR INTERSECTS**

*** ZIP CODE 57717 CAR-RT R001**
 2 Rossi Peter J & Sabrina M ✓ [2] (1971)
 3 Nies Lester & Kristin D ✓ [20] (1973)605-642-8118
 4 Ellingson Jerry L & Sharon L [2] (1973)
 5 Hanson Maxine J ✓ [2] (1995)605-642-3193
 Hanson Brandt605-642-3193

DD DR Cont'd

6 [10] Mercy Tim A ✓605-717-1113
 Mercy Carmen605-717-1113
 7 Carlson Michael D & Kimberly K ✓ [20] (1973)605-722-7118
 8 Dean Boyd A & Melissa A [2] (1976)
 9 Moller Gerald D & Laura J ✓ [10] (1971)605-722-0048
 11 Locati Mary C ✓ [20] (1994)
 Locati Judy L

HOUSEHOLDS 9**E DEADMAN RD (STURGIS)****DEADMAN GULCH RD (RAPID CITY)**

*** ZIP CODE 57702 CAR-RT H033**
 13513 Haberstroh Jeffery S & Tammy R [2] (1975)
 13515 Haberstroh Leonard J ✓ [31] (1993)605-342-0207
 Haberstroh Rosellah S605-342-0207

HOUSEHOLDS 2**DEADWOOD AVE (ELLSWORTH AFB)-FROM 2327 SCOTT DR***** EDGE MONT AVE CONTINUES**

*** ZIP CODE 57706 CAR-RT C002**
 10033 Pichard Rita J ✓ [12]
 10039 [10] Middleton Todd
 Middleton Jeffrey
 10041 Butts James W ✓ [2]
*** SPEARFISH AVE BEGINS**

HOUSEHOLDS 3**DEADWOOD AVE N (RAPID CITY)**

*** ZIP CODE 57702 CAR-RT C023**
 18 U-BOX warehouses- mini & self storage ✓ @605-348-1151
 20 Crompton Michael L [2]
 Crompton Charisa L
 U-HAUL MOVING & STORAGE truck renting & lease ✓ @
*** ZIP CODE 57702 CAR-RT R015**
 325 ALANO SOCIETY alcoholism info/treatment ctrs ✓ @605-342-9608
 540 BARBO COMPANY Insurance ✓ @605-342-6004
 Eichert Transport mobile homes- transporting ✓ @605-721-1101

ONE CALL LOCATORS utilities- underground ✓ @605-342-1416

21 Walker Jack [2]
 101 YES! REALTY real estate ✓ @605-721-3300
 110 ADT SECURITY SVC security sys ✓ @605-348-9145
 110 COMPUTERS ETC LEARNING CTR computer training ✓ @605-718-9222
 110 MRI RAPID CITY executive search consultants ✓ @605-718-4164
 112 RECRUITING RESOURCES INC personnel consultants ✓ @605-716-7425
 210 J B DISPATCH INC trucking- motor freight ✓ @605-388-3880
 216 MIDWEST MOTOR EXPRESS INC trucking- motor freight ✓ @605-348-0405
 330 VITRAN EXPRESS trucking- motor freight ✓ @605-348-0770

691 DALE'S TIRE & RETREADING INC tire-dirs-retail ✓ @605-343-4560**740 DAKOTA BATTERY & ELECTRIC auto electric serv ✓ @605-348-8631****747 CHIMNEY CANYON 4X4 INC four wheel drive- rpr & serv ✓ @605-737-3199****753 A PRANG'S CUSTOM WOODWORK cabinets ✓ @605-343-8779****B RUSHMORE ENERGY SYSTEMS INC barbecue equip/supl ✓ @605-348-2890****D HOLTGEN'S WOODWORKS furniture- rpr & refinishing ✓ @605-431-2873****E Blyington Robb A [2]605-343-8779****777 Artichoke Karen [2]605-341-2050****SACRED CIRCLE-CANGLESKA domestic abuse info/treatment ✓ @605-348-0531****789 CLARK & GREUND PUBLISHING printers ✓ @605-348-2499****Clark Chipper L ✓ [10] (1988)605-348-4010****CLARK COPIES printers ✓ @605-348-2499****GREUND CLARK PRINTING printers ✓ @605-348-4010****801 Benson Brian A [10]605-721-2000****809 KNOLOGY INC telecommunications serv ✓ @605-721-1152****RAPID CITY FIELD SVC oil field serv ✓ @605-716-7580****SUMMERSET OWNERS' ASSN associations ✓ @605-343-3301****1090 Bouzek Doyle J [10]605-343-6533****RAPID AUTO CLINIC auto rpr & serv ✓605-343-6533****1140 CONTRACTOR'S INSULATION dry wall contrs equip/supl ✓605-343-7404****HORST MASONRY & CONCRETE masonry contractors ✓605-716-9225****1141 ROCK'N SPAS sun rooms solariums atriums et ✓ @605-342-2600****1 SAFELITE AUTO GLASS glass ✓ @605-718-7817****2 BAD CAT TATTOO STUDIO tattooing ✓ @605-721-9430****2 CAROLYN'S TOO gift shops ✓ @605-718-9064****4 MERRY MAIDS house cleaning ✓ @605-394-9090****5 DAK CANYON COFFEE CO coffee roasting & handling ✓ @605-394-9090****5 ESPRESSO IMPORTERS espresso & espresso bars ✓ @605-394-9090****5 [10] Thiewes Connie ✓605-716-2266****6 DREAM MAKER BATH & KITCHEN bathroom remodeling ✓ @605-348-6115****7 LIND-EXCO INC excavating contractors ✓ @605-343-1311****9 EXPRESS COLLECTIONS collection agencies ✓ @605-737-9885****10 BELTONE HEARING AID CTR hearing aids ✓ @605-716-1888****10 Degryse Kelly [2]605-716-1888****1161 COMMERCIAL KITCHEN PRODUCTS genl merchandise- retail ✓ @605-716-1888****DEADWOOD AVE N Cont'd**

1 STREET IMAGE ACCESSORIES truck accessories ✓605-716-4943
 4 BUCKINGHAM'S ATA KARATE martial arts instruction ✓ @605-343-7305
 5 DAKOTALINK social serv & welfare org @605-394-6742
 5 [10] Koenig Russ ✓605-343-7684
 6 VISITOR PUBLISHING CO publishers- periodical ✓ @605-721-6465
 7 SIGNS NOW signs ✓ @605-721-6465
 7 [10] Waters Harold & Rosann E ✓ @605-721-6465
 9 OCCUPATIONAL HEALTH NETWORK physicians & surgeons ✓ @605-718-2778
 9 SIEWERT LYNETTE R physicians assistants ✓ @605-348-1155
 1210 STAN HOUSTON EQUIPMENT CO contractors- equip/supl ✓ @605-348-1155

*** ZIP CODE 57702 CAR-RT R006**

1330 INLAND TRUCK PARTS CO auto parts & suppl- mfrs ✓ @605-348-4344
 1350 PAC-RAT PALACE second hand stores ✓ @605-348-4240
 1400 A JENSEN HARDWOOD FLOORS floor laying refinishing/resur ✓ @605-388-9663
 A Jensen Shannon M [2]
 B GLASS DOCTOR glass ✓ @605-415-4435
 C ACCURATE MUDJACKING LLC concrete contractors ✓ @605-381-4874
 C Torsden Troy D ✓ [2]
 D HILLYARD janitors equip/supl ✓ @605-341-7950
 1420 B BLACK HILLS CROSS FIT health clubs studios/gymnasium ✓ @605-786-4317
 D VIKING MECHANICAL heat pumps ✓ @605-341-4200

*** ZIP CODE 57702 CAR-RT R015**

1441 RAPID MOTORS auto dirs-new cars ✓ @605-716-5293
 1523 WILLISTON BASIN INTERSTATE pipe line companies ✓ @605-718-4399
 1 BLU-KNU ENTERPRISES LLC storage- household & commercial ✓ @605-341-0854
*** ZIP CODE 57702 CAR-RT R006**
 1540 RDO EQUIPMENT CO contractors- equip/supl ✓ @605-348-1566

*** ZIP CODE 57702 CAR-RT R015**

1543 HEBRON BRICK & BLOCK SUPPLY CO brick- clay common & face ✓ @605-343-3733
 1641 CHIESMAN FOUNDATION-DEMOCRACY foundation ✓ @605-341-4311
*** ZIP CODE 57702 CAR-RT R006**
 1650 BEKA DITCHING CORP excavating contractors ✓ @605-342-6404
 1660 BIO FUSION HEALTH PRODUCTS INC e-commerce ✓ @605-348-9999

*** ZIP CODE 57702 CAR-RT R015**

1741 TITAN MACHINERY INC farm equip ✓ @605-388-0266
*** ZIP CODE 57702 CAR-RT R006**
 1810 SHEEHAN MACK SALES & EQUIP contractors- equip/supl ✓ @605-342-5694
*** ZIP CODE 57702 CAR-RT R015**
 1811 BARGAIN BARN TIRE CTR tire-dirs-retail ✓ @605-399-3917
 1947 BUDGET TRUCK RENTAL truck renting & lease ✓ @605-348-6633
 ROVAR LLC federal government contractors ✓605-341-9040
*** ZIP CODE 57702 CAR-RT R006**
 1950 UNITED RENTALS rental serv- stores & yards ✓ @605-342-7350

2090 CHEVROLET SALES & SVC auto dirs-new cars ✓605-343-1282**NATIONAL DENT auto body- rpr & painting ✓ @605-388-0206****2320 C DREAMS CARPORTS carports ✓ @605-348-2886****2340 Mills Bill [2]605-342-8303****E SUMMIT SIGNS & SUPPLY INC signs ✓ @605-718-2556****G PUMP SALES & SVC pumps-retail ✓ @605-342-8378****I AUTO TECH auto rpr & serv ✓ @605-342-6256****P ROCHSTER ARMORED CAR CO INC armored car serv ✓ @605-342-5543****2360 CERAMIC DESIGN MIDWEST floor materials ✓605-348-2891****H WALCRO FLOOR COVERINGS carpet layers equip/supl ✓ @605-342-8300****L BOB'S MUFFLER & BRAKE SVC mufflers & exhaust sys- engine ✓ @605-343-7575****2380 A SUMMIT INC genl contractors ✓ @605-342-9456****2530 WEST RIVER INTL truck-rpr & serv ✓ @605-348-7070***** ZIP CODE 57702 CAR-RT R015****2783 MARLIN'S ROADHOUSE GRILL restaurants ✓605-343-0331****PILOT FLYING J truck stops & plazas ✓ @605-343-6682****SUBWAY restaurants ✓ @605-343-6682****2803 WINDMILL RESTAURANT restaurants ✓ @605-343-6682***** ZIP CODE 57702 CAR-RT R006****3200 JENNER EQUIPMENT CO farm equip ✓ @605-342-7043****3300 DIXON BROTHERS INC trucking- liquid & dry bulk ✓ @605-348-7438****3801 DMI DIESEL MACHINERY INC contractors- equip/supl-renting ✓ @605-348-1212****3831 DAKOTA RV recreational vehicles ✓ @605-348-1212****4101 [10] Dailey David A605-342-3149**

NEW NEIGHBOR

DD DR Cont'd

- 6 Mercy Tim A / [] = (1975)605-717-1113
 7 No Current Listing
 8 Dean Boyd A & Melissa A / [] = (1976)
 9 Miller Gerald D & Laura J / [] = (1999)
605-722-0048
 11 Locali Mary C / [] = (1994)
 Locali Judy L

HOUSEHOLDS 9

E DEADMAN RD (STURGIS)

DEADMAN GULCH RD (RAPID CITY)

- * ZIP CODE 57702 CAR-RT H033
 13513 Haberstroh Jeffery S & Tammy R / []
 = (2010)
 13515 Haberstroh Leonard J & Sally / [] = []
 (1939)605-342-0207

HOUSEHOLDS 2

DEADWOOD AVE (ELLSWORTH AFB)-FROM

- 2327 SCOTT DR
 * EDGEMONT AVE CONTINUES
 * ZIP CODE 57706 CAR-RT C002
 10033 Richard Rita J []
 10035 Holmes Jacqueline /
 10041 Butts James W / []
 * SPEARFISH AVE BEGINS

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT C023
 20 U-HAUL MOVING-STGE-RAPID CITY truck
 renting & lease / []605-348-1151
 * ZIP CODE 57702 CAR-RT R016
 325 ALANO SOCIETY alcoholism info/
 treatment ctrs / []605-342-9808
 * ZIP CODE 57702 CAR-RT R015
 540 BARBO AGENCY insurance / []

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT C023
 110 MRI RAPID CITY executive search
 consultants / []605-716-4164
 204 ENGLAND EARTHMOVING genl
 contractors / []605-342-0118
 211 Walker Jack []
 216 FEDEX OFFICE SHIP CENTER
 business serv centers / []

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R016
 691 DALE'S TIRE & RETREADING INC tire-
 dtrs-retail / []605-343-4560
 * ZIP CODE 57702 CAR-RT R015
 740 DAKOTA BATTERY & ELECTRIC auto
 electric serv / []605-348-8631
 * ZIP CODE 57702 CAR-RT R016
 747 BUIL TECH INDUSTRIES INC building
 contractors

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R016
 777 SACRED CIRCLE-CANGLESKA domestic
 abuse info/treatment / []605-341-2050
 789 CLARK BUSINESS FORMS business
 forms & sys / []605-348-0531
 Clark Chipper L [] = (1992)
 Clark Brodie L
 CLARK COPIES printers605-348-2021
 GREINOLD PRINTING printers /
605-348-4010

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R016
 801 ENVIRONMENTAL BUILDING SYSTEMS
 air conditioning/supl/parts / []
605-342-2407
 STREAMLINE PLUMBING plumbing
 contractors / []605-791-4222
 809 Jenkins Kan / []
 SUMMERSET OWNERS' ASSN
 associations605-716-7560
 VAST BROADBAND telecommunications
 serv / []605-721-2000

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R015
 1090 BIG DEAL AUTO auto dtrs-used cars /
605-718-2647
 1140 CONTRACTOR'S INSULATION dry wall
 contrs equip/supl / []605-343-0533
 HORST MASONRY masonry contractors
605-343-7404
 * ZIP CODE 57702 CAR-RT R016
 1141 I SAFELITE AUTO GLASS glass /
605-342-2600

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R015
 2 BAD CAT TATTOO STUDIO tattooing /
605-718-7817
 4 MERRY MAIDS house cleaning /
605-301-4203
 5 ESPRESSO IMPORTERS espresso &
 espresso bars / []605-394-9090
 5 Thieves Connie / []
 6 METHOD ORGANIZATION CO
 organizing serv / []605-430-5448
 6 TINT BROTHERS windows
605-716-3372

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R015
 1161 I STREET IMAGE glass coating & tinting
 / []605-716-4943
 4 BUCKINGHAM'S ATA KARATE martial
 arts instruction / []605-343-7505
 5 DAKOTALINK social serv & welfare org
 / []605-394-6742
 6 BLACK HILLS COUPON BOOK book
 dtrs-retail / []605-343-7684
 7 EXNVERS CORP federal government
 contractors /
605-721-6465
 7 SIGNS NOW signs / []605-721-6465
 7 Waters Mark P / []

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R015
 1400 A Jensen Darin D []
 A JENSEN HARDWOOD FLOORS floor
 laying refinishing/resur / []
605-388-8453
 B DOYLE MOTORSPORTS rehabilitation
 serv / []605-381-3514
 B GLASS DOCTOR glass / []
605-415-4435
 C ACCURATE MUDJACKING LLC
 concrete contractors / []605-381-4674
 C INTERSTATE FLOORING OUTLET
 LLC floors- contractors & builders /
605-863-0491
 D HILLYARD janitors equip/supl-mtrs /
605-341-7950
 1420 B BLACK HILLS CROSSFIT health clubs
 studios/gymnasium / []605-719-7558
 D VIKING MECHANICAL heating
 contractors / []605-341-4200

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R015
 1441 TITAN MACHINERY INC farm equip / []
605-388-0286
 1523 WILLISTON BASIN INSTE PIPELINE
 pipe line companies / []605-718-4399
 I BLU-KNU ENTERPRISES LLC storage-
 household & commercial / []605-341-0854
 * ZIP CODE 57702 CAR-RT R015
 1540 RDO EQUIPMENT CO contractors- equip/
 supl / []605-348-1566
 * ZIP CODE 57702 CAR-RT R016
 1543 HEBRON BRICK & BLOCK SUPPLY CO
 brick- clay common & face / []
605-343-3733
 HEBRON FIREPLACE masonry
 contractors / []605-343-3733
 HEBRON LANDSCAPE rpr shops &
 related serv / []605-343-3733
 Johnson Tim B / [] = (1992)
 1635 DAKOTA BUSINESS CTR copying/
 duplicating mach/supl / []605-342-8934
 DAKOTA LEASING CO lease serv / []
605-343-5995
 1641 LIND-EXCO INC excavating contractors /
 []605-348-6115
 * ZIP CODE 57702 CAR-RT R015
 1660 BIO FUSION HEALTH PRODUCTS INC
 health & diet foods-retail / []
605-348-9999
 Crandall Lauren / [] = (1992)
 Crandall Rene

HOUSEHOLDS 3

DEADWOOD AVE (RAPID CITY)

- * ZIP CODE 57702 CAR-RT R015
 1741 U-HAUL NEIGHBORHOOD DEALER
 truck renting & lease / []605-593-8556
 * ZIP CODE 57702 CAR-RT R015
 1810 SHEEHAN MACK SALES & EQUIP
 contractors- equip/supl / []605-342-5694
 * ZIP CODE 57702 CAR-RT R016
 1811 BARGAIN BARN TIRE CTR tire-dtrs-retail
 / []605-399-3917
 1947 BUDGET TRUCK RENTAL truck renting
 & lease / []605-224-9351
 ROVAR LLC federal government
 contractors / []
 * ZIP CODE 57702 CAR-RT R015
 1950 Mohr Ross L
 UNITED RENTALS rental serv- stores &
 yards / []605-342-7350
 2090 INDUSTRIAL SUPPLY CO INC electric
 motors- dtrs/rpr / []605-343-9383
 2320 C DREAMS CARPORTS carports /
605-348-2866
 2340 SOLUTION CONTRACTING contractors /
 []605-718-1215
 E SUMMIT SIGNS & SUPPLY INC signs
 / []605-342-8303
 I MB ENTERPRISES storage- household
 & commercial / []605-593-5579
 P ROCHESTER ARMORED CAR CO INC
 armored car serv605-342-6256
 2360 A CERAMIC DESIGNS MIDWEST INC
 contractors- tile / []605-342-5543
 H Venenga Randy / []
 H WALCRO FLOOR COVERINGS carpet
 layers equip/supl / []605-348-2891
 2380 A May Leslie / []
 A Sartiouk Wayne L & Serena / []
 A SUMMIT INC genl contractors / []605-342-8300
 C W D MASONRY & CONCRETE INC
 stone contractors / []605-341-2262
 2460 WESTERN CONSTRUCTION INC
 construction companies / []
 2530 INTERNATIONAL TRUCK-dtrs / []605-343-7575
 2783 BOSS TRUCK SHOP truck-rpr / serv /
605-341-0613
 PILOT TRAVEL CTR truck stops & plazas
605-343-7070
 SUBWAY restaurants / []605-343-0331
 WINDMILL TRUCK STOP truck stops &
 plazas / []605-348-7070
 2803 MARLIN'S ROADHOUSE GRILL bars / []
605-342-9456
 * ZIP CODE 57702 CAR-RT R006
 3200 JENNER EQUIPMENT CO farm equip / []
605-343-6682

HOUSEHOLDS 3

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DEADWOOD AVE Cont'd

- 3300 DIXON BROTHERS INC trucking- liquid &
 dry bulk605-942-7043
 3601 BUTLER MACHINERY CO contractors-
 equip/supl / []605-342-4850
 Thompson James / [] = (1992)
 3801 HEALY MACHINERY CO excavating
 equip / []605-348-7438
 3831 DAKOTA RV recreational vehicles / []
605-348-1212
 4101 Doak Robert / [] = (1992)
 EXCAVATING SPECIALISTS excavating
 contractors / []605-342-3152
 GUSTAFSON BUILDERS genl
 contractors / []605-342-3144
 HEAVY CONSTRUCTORS INC genl
 contractors / []605-342-3152

HOUSEHOLDS 3

DEADWOOD AVE Cont'd

- 5758 No Current Listing
 5800 ANDERSON SAND & GRAVEL genl
 contractors605-787-6773
 KONECHIE FARMS beef cattle- except
 feedlots605-787-4596
 6415 Armstrong William G & Kimberly / [] =
 (1986)
 6802 Schaeffer William & Shari L / [] = (1986)
 6813 Daviech Peggy S / [] = (1986)
 6790 Howe Misty / [] = (1986)
 6796 Jensen Janey L / [] = (1986)
 6807 Hansen Anita B / [] = (1986)
 6809 Niehoff Josephine K / [] = (1971)
605-787-5500
 Niehoff Chad M605-787-5500
 6812 Howe Harrison Misty M / [] = (1986)
 MURPHY PETROLEUM TRANSPORT
 LLC petroleum prod- transporting
 6668 Harrison Ashley / [] = (1986)
 6874 Peterson Carl H / [] = (1986)
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 6850 Lee Scott A / [] = (1986)
 Lee Jaime S
 7274 Footit Barbara J / [] = (1986)
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HOUSEHOLDS 3

DEADWOOD AVE Cont'd

- BUSINESSES 92
 6874 Peterson Carl H / [] = (1986)
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HOUSEHOLDS 3

DEADWOOD LOOP Cont'd

- Bair Alexandria
 1070 Easter Colesha []
 1072 No Current Listing

HOUSEHOLDS 65

DEADWOOD ST (DEADWOOD)-FROM 99

- SEVER ST WEST
 * SHERMAN ST CONTINUES
 * ZIP CODE 57732 CAR-RT C002
 21 SHEDD JEWELERS LLC jewelers-retail / []
605-578-2494
 27 IRON HORSE INN hotels & motels / []
605-717-7530
 29 SHANKAR jewelers-retail / []605-578-3808
 33 MARTIN & MASON HOTEL hotels & motels
605-722-3456

HOUSEHOLDS 65

DEADWOOD LOOP Cont'd

- * SIEVER ST ENDS
 * MAIN ST INTERSECTS
 * SHINE ST BEGINS
 BUSINESSES 4
 600 Rice Robert V / []605-720-4779
 808 Kirk Craig D / []
 Kirk Judy A
 710 Lansagrav Wayne R & Linda A / [] =
 (1953)605-720-5166
 716 No Current Listing
 * FULTON ST INTERSECTS
 738 Lyons Christine / []
 831 No Current Listing
 833 Loobey-Santsch Michele C / [] = (1953)
605-720-1095
 835 Coe Jeff / []
 * DAVENPORT ST INTERSECTS
 837 Kinniburgh Kyleen M / []



Appendix E

Site Photographs

PHOTOGRAPHS



Photo 1: 1,000,000-gallon diesel ASTs near south boundary of Subject Property looking east.

Photo 2: Fueling pad associated with 1,000,000-gallon diesel ASTs looking north.



PHOTOGRAPHS



Photo 3: Pad to the east of the 1,000,000-gallon diesel ASTs looking southwest.

Photo 4: 31,000-gallon diesel AST and containment looking north.



PHOTOGRAPHS



Photo 5: 31,000-gallon AST and fuel distribution piping/trench looking east.

Photo 6: Five diesel-fired generators and associated sheds/equipment near the west boundary of the Subject Property looking southwest.



PHOTOGRAPHS



Photo 7: Five diesel-fired generators looking north.

Photo 8: West end of natural gas-fired generators looking north.



PHOTOGRAPHS



Photo 9: Backup diesel fuel AST attached on the north side of each of the natural gas-fired generators.

Photo 10: Piping marking potential location of UST on the east end of each of the natural gas-fired generators.



PHOTOGRAPHS



Photo 11: Building located west of the natural gas-fired generators housing a battery bank.

Photo 12: Batteries with spill containment located in small building near the natural gas fired generators.



PHOTOGRAPHS



Photo 13: AFFF containers in small building east of the 1,000,000-gallon ASTs.

Photo 14: AFFF AST located in small building east of the 1,000,000-gallon ASTs.



PHOTOGRAPHS



Photo 15: Example of above ground piping connecting the 1,000,000-gallon diesel ASTs to the natural gas generators.

Photo 16: Example of above ground piping connecting the 31,000-gallon diesel AST to the diesel generators.





Appendix F

Resumes

Robert Prann, EIT, CPRR

Environmental Scientist/Project Manager



Background

Mr. Prann brings to the team over 10 years of research and field experience in the realm of water/gas monitoring and contamination assessment. In his time with AET, he has conducted and managed UST closures; designed and installed multi-media monitoring systems; and designed, installed, operated and monitored numerous soil and groundwater remediation systems and has been project manager on several assessment and remediation projects. Mr. Prann is a Certified Petroleum Release Remediator and Licensed Well Driller in South Dakota and has conducted and managed numerous Phase I and Phase II Environmental Site Assessment (ESA) and Risked Based Corrective Action (RBCA) site investigations. Mr. Prann has been involved with numerous, surface water, groundwater, sediment, and subsurface soil sampling programs.

Education

BS - Environmental Engineering

South Dakota School of Mines and Technology, 2011

MS - Civil Engineering – Water Resources Engineering

South Dakota School of Mines and Technology, 2013

Registrations/Certifications

SD Certified Petroleum Release Remediator, #12191

OSHA 40-Hour Hazardous Waste Operations 8-Hour Hazwoper Refresher, Annually
SD Well Driller, #678

Professional Memberships

South Dakota Association of Environmental Prof.

- Board Member, 2018-Present
- South Dakota Well Drillers Association

AET Responsibilities

- Environmental Project Manager
- Environmental Field Supervisor
- Geoprobe Systems Crew Chief

Project Experience

Restaurant Property Transaction, Rapid City, SD 2019

Robert was the project manager for a quick turnaround project which involved the performance of a Phase I Environmental Site Assessment for three restaurant properties in Rapid City. The Phase I was followed by a limited Phase II at one of the properties to investigate dry cleaning solvents and petroleum hydrocarbons which had potentially migrated to the property due to activities at neighboring business. No detectable concentrations were measured in the soils or water beneath the property and the result was a successful property transaction within 60 days of the notice to proceed.

Ulland Outlot Parcels, Rapid City, SD 2018

Robert was the assistant project manager for a project which involved the performance of a Phase I ESA, limited Phase II ESA, and a full asbestos and hazardous materials evaluation. The project involved the demolition and redevelopment of a full city block in central Rapid City that had previously been utilized as bulk fuel storage and was adjacent to a rail yard. During the project, soils and groundwater impacted by petroleum hydrocarbons were encountered as well as a small area of asbestos containing floor tile. Laboratory analysis performed on samples of the soils, groundwater, and floor tiles characterized the soils and groundwater as non-hazardous and the floor tiles as non-friable.

SD DANR ATP and LUST Trust Programs, SD 2013-2023

Robert has been the project manager for numerous Abandoned Tank Program (ATP) and Leaking Underground Storage Tank (LUST) Trust projects. The scope of the ATP and LUST Trust projects consists of overseeing due diligence assessments and removal of underground storage tanks (USTs) across SD. On projects where potential site-specific environmental risks were identified, those projects were expanded to include performance of RBCA tier 2 assessments and site remediation. Robert is also responsible for project budgets which generally range between \$1.5K to \$100K. In most all project cases, the projects have received Site Closure or No Further Action designations by the SD Department of Agriculture and Natural Resources.

Appendix C

Phase II Environmental Assessment



**LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT**

Ben French Power Plant
409 Deadwood Avenue
Rapid City, SD 57702

AET Project No. P-0039055

Date:
September 17, 2025

Prepared for:
Black Hills Corporation
7001 Mount Rushmore Road
Rapid City, SD 57702

Geotechnical • Materials
Forensic • Environmental
Building Technology
Petrography/Chemistry

American Engineering Testing
1745 Samco Road
Rapid City, SD 57702
teamAET.com • 800.972.6364

September 17, 2025

Black Hills Corporation
7001 Mount Rushmore Road
Rapid City, SD 57702



Attn: Kristi Chamley
Senior Environmental Professional
Kristi.Chamley@blackhillscorp.com

RE: Limited Phase II Environmental Site Assessment
Ben French Power Plant
409 Deadwood Avenue, Rapid City, South Dakota
AET Report No. P-0039055.2

Dear Ms. Chamley:

American Engineering Testing, Inc. has completed the enclosed report of Limited Phase II Environmental Site Assessment (ESA) services for the Ben French Power Plant Site. This service was performed in accordance with our proposal No. P-0039055. This Limited Phase II ESA meets our understanding of the criteria defined by the ASTM: E1903-19 Standard Practice.

We appreciate the opportunity to have been of service to you on this project. If you have any questions regarding the information presented in this Limited Phase II ESA Report, or if we can be of additional assistance, please contact me.

Sincerely,
American Engineering Testing, Inc.

A handwritten signature in blue ink, appearing to read 'R. Prann', is written over a horizontal line.

Robert A. Prann
Environmental Project Manager

Phone: (605) 484-6886
Email: rprann@teamAET.com

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TABLES

1. Soil Field Screening Results
2. Soil Sample Analytical Results
3. Groundwater Elevation Measurements
4. Groundwater Analytical Results

FIGURES

1. Subject Property Location Map
2. Subject Property Aerial Photograph
3. Subject Property Aerial Photograph with Suspected Recognized Environmental Conditions
4. Subject Property Aerial Photograph with Soil Boring, Piezometers, and Monitoring Well Locations
5. Subject Property Aerial Photograph with Groundwater Contours Inferred from August 2025 Data

APPENDICES

- A. Environmental Sampling Methodologies
- B. Subsurface Boring Logs
- C. Laboratory Analytical Reports

EXECUTIVE SUMMARY

American Engineering Testing, Inc. (AET) was authorized by Black Hills Corporation (BHC) to conduct a Limited Phase II Environmental Site Assessment (ESA) for the Ben French Power Plant located at 409 Deadwood Avenue in Rapid City, South Dakota (SD). The assessed subject property is referred to as the "Site".

Conclusions

Based on the information gathered and our professional experience, AET offers the following conclusions regarding the results of this Limited Phase II ESA.

This Limited Phase II ESA has confirmed the presence of soil and groundwater impacts by petroleum and PFAS/PFOA products at the Site under conditions that indicate past release(s).

- Soil analytical results confirm residual impacts from petroleum release(s) to the south of the million-gallon above ground storage tanks (ASTs).
- Soil and groundwater analytical results confirm residual impacts from petroleum release(s) on the north, south, and west sides of the 31,000-gallon AST, potentially related to the former presence of the coal-fired power plant directly northwest of the AST.
- Soil and groundwater analytical results confirm residual impacts from petroleum release(s) to the north and west of the diesel-fired generators.
- Soil and groundwater analytical results confirm residual impacts from petroleum release(s) to the east and west of the natural gas-fired generators.
- Soil and groundwater analytical results confirm residual impacts from per- and polyfluoroalkyl substances (PFAS)/perfluorooctanoic acid containing materials (PFOA) release(s) to the north and east of the foam house.

Should Site upgrades occur in the future that require disturbance or excavation of petroleum or PFAS/PFOA impacted soil at the above referenced locations, the impacted soil should be properly disposed of as construction derived waste at a permitted landfill, land farm, or disposal facility that is licensed to accept the waste material.

1. INTRODUCTION

1.1. Site and User Identification

American Engineering Testing, Inc. (AET) was authorized by Black Hills Corporation (BHC) to conduct a Limited Phase II Environmental Site Assessment (ESA) for the Ben French Power Plant located at 409 Deadwood Avenue in Rapid City, South Dakota (SD). Hereafter, BHC will be referred to as the “User” of this report, and the assessed subject property will be referred to as the “Site”.

1.2. Purpose

We have performed a Limited Phase II ESA at the Site in conformance with the scope and limitations of ASTM Practice E1903-19 and for the following objectives.

- To assess the suspected recognized environmental conditions (RECs) identified at the Site:
 - o one 31,000-gallon and two million-gallon above ground storage tanks (ASTs) and associated piping;
 - o five diesel-fired generators on the western side of the Site;
 - o four natural gas-fired generators, and diesel backup generators, on the eastern side of the Site;
 - o former presence of a coal-fired power plant and associated coal pile on the north side of the Site; and
 - o per- and polyfluoroalkyl substances (PFAS)/perfluorooctanoic acid (PFOA) containing materials at the small building called the foam house near the southeast corner of the Site.
- To evaluate the presence and degree of potential impacts in the soil and groundwater at the identified REC locations.
- To provide information which will assist the User in defining development, remediation and/or mitigation plans for the identified impacts.

These objectives are based on AET’s understanding of the User’s needs and the User’s authorization of the Scope of Services. Any other objectives not described above are not considered to be within the Purpose of this Limited Phase II ESA.

2. BACKGROUND

2.1. Site Description and Features

Figures 1 and 2, attached, show the location of the Site and Figure 3, attached, shows the configuration of the Site including structures and the identified RECs. The Site is located in western Rapid City northwest of the intersection of Deadwood Avenue and West Chicago Street. The address associated with the Site is 409 Deadwood Avenue. The partial legal description is lot 1 of NE1/4 SW1/4 less lot H1 and lot C of NW1/4 SE1/4 and vac pt of Deadwood Ave adj to said lot, less lots H1(e), H2 and H3, and the property identification number is 2034403004. The Site is located in the southern half of Section 34, Township 2 North, Range 7 East, Pennington County.

The Site is currently used as an electrical power generation facility. Two small buildings at the Site are used for the storage and operation of a battery bank and aqueous film-forming foam (AFFF). Exterior areas are gravel or vegetation covered.

2.2. Physical Setting

The physical setting of the Site was described in a previous Phase I ESA (Phase I ESA Ben French Power Plant, American Engineering Testing, Inc., P-0039055, April 11, 2025).

2.3. History of Site and Vicinity

The Site area is an electrical generation facility. From at least 1938 the Site was undeveloped property. The Site was first developed in the late 1950s to 1960s including the installation of the 31,000-gallon AST near the north boundary. Between 1962 and 1968, the five diesel-fired generators were installed near the west boundary of the Site. Between 1973 and 1978, the four natural gas-fired generators and the two million-gallon ASTs were installed.

The adjoining properties were developed beginning in the late 1950s to early 1960s and now include a cement plant to the west, large office and shop buildings to the north, a furniture warehouse to the east, and several commercial businesses to the south. The railroad track to the west has been present since at least 1938. The current configuration of the Site has existed since at least 1978.

2.4. Previous Environmental Reports

AET reviewed previous Phase I and Phase II ESAs for the Site (ERM Reports. Phase I ESA (January 28, 2013), Phase II ESA (February 28, 2013)). The results of the previous ESAs indicated that there were confirmed RECs at the Site, as stated in Section 1.2 Purpose above and shown in Figure 3.

3. LIMITED PHASE II ESA ACTIVITIES

3.1. Scope of Services

The scope of this Limited Phase II ESA was defined in AET's proposal agreement No. P-0039055 with the User, authorized on January 16, 2025, and includes the following items.

1. Contacting local utility companies through SD One Call to identify the locations of public underground utility lines and access points on and adjacent to the Site.
2. Contacting a private utility locator to identify the locations of private underground utility lines on the Site property.
3. Mobilizing an environmental professional with a SD Petroleum Release Remediator license and a SD licensed drill crew from our Rapid City, SD office.
4. Advancing 18 soil borings up to 28 feet (ft) below grade (bg) to determine the presence and degree of contaminant of concern (COC), as indicated in the RFP, impacts to the soil and groundwater at locations on the Site where RECs are identified during the Phase I ESA.
5. Screening the soil samples recovered from the borings for the presence and concentration of organic vapors as indications of petroleum hydrocarbon impacts, as appropriate for petroleum source locations.
6. Analyzing select soil samples recovered from the borings for the presence and concentration of TPH as diesel (TPH-D), PFAS, PFOA, and naphthalene, as appropriate to each boring location relative to COC sources.
7. Completing 6 of the borings as 1" temporary groundwater monitoring wells, as appropriate, to assess any potential COC impacts identified in the saturated zone and developing the temporary wells.
8. Obtaining groundwater elevation data from the temporary monitoring wells and one existing permanent monitoring well.
9. Collecting representative groundwater samples from the temporary and permanent monitoring wells and analyzing the samples for the presence and concentration of TPH-D, PFAS, and PFOA, as appropriate to each monitoring

well location relative to COC sources.

10. Upon completion of the field work and receipt of analytical results, AET preparing a written Limited Phase II ESA report of the findings. The report summarizes the services provided including boring logs, methodologies used, figures showing the soil boring/monitoring well sampling locations, the results of analytical testing, and our conclusions and opinions based on the data as it compares to SD Department of Agriculture and Natural Resources (DANR) Tier 1 Action/Trigger Levels, SD groundwater quality standards (SDGWQS), as well as applicable PFAS and PFOA substance regulations.

3.2. Environmental Sampling Rationale

The Limited Phase II ESA soil boring locations were selected to investigate the presence and degree of potential contaminant sources. Sampling locations for the Limited Phase II ESA are depicted in Figure 4, attached. The sampling methods, depths, and analytical parameters were selected to generate data which AET considers useful to achieve the objectives described in the Purpose section of this report.

The rationale for specific sampling locations is described below.

- Soil borings SB-1, 2, 4, 5, 8, and 12 were located around the natural gas-fired generators and diesel backups, indicated as the potential locations of petroleum hydrocarbon impacts.
- Soil borings SB-3, 6, and 7 were advanced around the 31,000-gallon AST, indicated as the potential location of petroleum hydrocarbon impacts.
- Soil borings SB-9, 10, and 13 were located around the diesel-fired generators, indicated as the potential location of petroleum hydrocarbon impacts.
- Soil borings 17 and 18 were located adjacent to the two million-gallon ASTs, indicated as the potential location of petroleum hydrocarbon impacts.
- Soil borings SB-11 and 14 were advanced around the foam house, indicated as the potential location of PFAS and PFOA impacts.
- Soil borings SB-15 and 16 were advanced near the western boundary of the Site, between the potential RECs and Lime Creek, to assess the potential off-Site migration of any petroleum hydrocarbon impacts found in the assumed up-gradient groundwater flow direction.

4. PROJECT RESULTS

4.1. Field Observations

AET met with the private utility locator on July 29, 2025, to clear the planned soil boring locations. AET returned to the Site to perform field exploration and sampling for this Limited Phase II ESA on July 30 and August 5-6, 2025. The observational data collected during field exploration activities at the Site are included on the boring logs in Appendix B.

The soil borings were advanced using methods presented in Appendix A. Review of the soil boring logs indicates the soil profile is generally similar at the boring locations, primarily silty lean clay with siltstone, sandstone, and gypsum laminations and lenses interspersed. The vertical advancement of the majority of the borings was limited by the relatively shallow depth of the uppermost bedrock layer, the Spearfish Formation, consisting of shale, siltstone, sandstone, and minor limestone interbedded with abundant gypsum. The specific soil profile encountered at each of the boring locations is described on the soil boring logs presented in Appendix B.

4.2. Field Screening Results

Soil samples collected from the borings investigating petroleum hydrocarbons were screened in the field for the presence and concentration of organic vapors as indications of petroleum hydrocarbon impacts using methods described in Appendix A. The screening results are presented in Table 1, attached, and on the soil boring logs included in Appendix B.

4.3. Soil Analytical Results

Select soil samples collected from the soil borings were analyzed for the presence and concentration of TPH-D and naphthalene as well as PFAS and PFOA as appropriate to the REC source at the boring location, using methods described in Appendix A. Soil samples selected for petroleum hydrocarbon analysis were collected at the interval of the highest organic vapor concentration and/or at the terminal depth of the boring. Soil samples selected for PFAS and PFOA were collected near the surface, the standard interval of buried water lines (6.5-8.5 ft bg) due to the water line located to the north of the foam house building, and at the potential groundwater elevations in the boring locations. Table 2, attached, presents the soil analytical results for COCs commonly found as a result of diesel range hydrocarbon impacts including TPH-D and naphthalene, as well as PFAS and PFOA. The full laboratory report is included in Appendix C.

For comparison, the SD DANR Tier 1 Trigger/Action levels for soils at petroleum release sites are also presented in Table 2.

4.4. Groundwater Elevation Measurements

Groundwater elevations were obtained from the temporary monitoring wells placed in SB-4, 7, 9, 11, 16, 17, and the existing groundwater monitoring well on August 7-8, 2025. The ground level elevations at each of the well locations were surveyed by Avid4 Engineering on August 7, 2025, and are measured in ft above mean sea level (amsl). The groundwater elevations are presented in Table 3, attached. Free phase product was measured in SB-7 with a measured thickness of 0.02 ft. The well locations along with the groundwater elevation contours inferred from the elevation data are presented in Figure 5, attached.

4.5. Groundwater Analytical Results

Representative groundwater samples were collected from the temporary monitoring wells in SB-4, SB-9, SB-11, SB-16, and the existing monitoring well on August 7-8, 2025, using methods described in Appendix A. Groundwater samples were not collected from SB-7 due to the presence of free product in the temporary well, or SB-17 due to the lack of groundwater in the temporary well. The groundwater samples collected from SB-4, SB-9, SB-16, and the monitoring well were analyzed for the presence and concentration of TPH-D and naphthalene, and the sample from SB-11 was analyzed for PFAS and PFOA, using methods described in Appendix A. Table 4, attached, presents the analytical results for the samples. For reference, the SDGWQS for TPH-D and naphthalene, as well as the United States Environmental Protection Agency (EPA) National Primary Drinking Water Regulations (NPDWR) for PFAS and PFOA COCs are also presented in Table 4. The complete laboratory report for the sampling event is included in Appendix C.

5. DISCUSSION

5.1. Distribution of Contaminant of Concern in Soil

Soil screening results indicate elevated organic vapors were observed in soil samples collected from SB-1, SB-2, and SB-4 on the north, east, and west sides of the natural gas-fired generators, respectively; SB-3, SB-6, and SB-7 on the north, west, and south sides of the 31,000-gallon AST, respectively; and SB-9 and SB-13 on the northwest and west sides of the diesel-fired generators, respectively.

Laboratory analysis of the soil samples collected from SB-1, SB-2, and SB-4 (adjacent to the natural gas-fired generators) confirmed the presence of TPH-D, at concentrations in exceedance of the SD DANR Tier 1 Trigger Level. The samples were collected from SB-

1 and SB-2 at the 5-7.5 feet bg interval and the sample collected from SB-4 was collected at the 7.5-10 feet bg interval.

TPH-D was also measured, at concentrations in exceedance of the SD DANR Tier 1 Trigger Level, in the soil samples collected from SB-3, SB-6, and SB-7, located adjacent to the 31,000-gallon AST. The samples were collected at the 7.5-10 feet bg, 10-12.5 feet bg, and 17.5-20 feet bg intervals, respectively.

Laboratory analysis of the soil samples collected from SB-9 and SB-13 (adjacent to the diesel-fired generators) confirmed the presence of TPH-D, at concentrations in exceedance of the SD DANR Tier 1 Trigger Level. The samples were collected at the 7.5-10 feet bg and 2.5-5 feet bg intervals, respectively.

The soil analytical results further indicate that naphthalene measured in the soil samples collected from SB-1, SB-2, SB-3, SB-4, SB-6, SB-7, SB-9, and SB-13, as well as all of the analytes measured in SB-8, SB-12, SB-15, SB-16, SB-17, and SB-18, were measured at concentrations below the SD DANR Tier 1 Action Level or the minimum detection levels.

Laboratory analysis of the soil samples from SB-11 and SB-14 indicates that several PFAS substances were measured at different depths, however, there are no regulatory standards for PFAS substances in soil as of the date of this report.

5.2. Groundwater Elevations and Flow Direction

Review of the groundwater elevation data indicates the depth to groundwater in the temporary monitoring wells ranged from approximately 5.05 and 18.42 ft bg. The temporary groundwater monitoring well in SB-17 was dry during the monitoring event, so it was not included in the calculation of the groundwater flow direction.

The groundwater flow direction across the site is to the west/southwest (Figure 5) as inferred from the August 2025 groundwater elevation measurements. The inferred groundwater flow direction observed during the August 2025 field activities is consistent with the surface topography. Further groundwater elevation measurements would be required to confirm groundwater flow patterns and seasonal variability.

5.3. Distribution of Contaminants of Concern in Groundwater

Dissolved TPH-D concentrations exceeding the SDGWQS were measured from the samples collected at SB-4 and SB-9 at concentrations of 71.3 mg/L and 106 mg/L,

respectively. The TPH-D concentrations measured in temporary monitoring well SB-16 and the previously installed monitoring well were below the laboratory reporting limits.

Perfluorooctane sulfonic acid (PFOS) and PFOA were measured in the sample collected from SB-11 at concentrations exceeding the EPA NPDWR for groundwater (4.0 nanograms per liter (ng/L)) at concentrations of 662,000 ng/L and 2,310 ng/L, respectively. Perfluorononanoic acid (PFNA) was also measured at 75.4 ng/L, exceeding the respective EPA NPDWR of 10 ng/L. Several other PFAS substances were measured in the sample collected from SB-11, however, there are no regulatory standards for those specific compounds.

6. CONCLUSIONS

This Limited Phase II ESA has confirmed the presence of soil and groundwater impacts by petroleum hydrocarbons and PFAS/PFOA products at the Site under conditions that indicate past release(s).

- Soil analytical results confirm residual impacts from petroleum release(s) to the south of the million-gallon ASTs.
- Soil and groundwater analytical results confirm residual impacts from petroleum release(s) on the north, south, and west sides of the 31,000-gallon AST, potentially related to the former presence of the coal-fired power plant directly northwest of the AST.
- Soil and groundwater analytical results confirm residual impacts from petroleum release(s) to the north and west of the diesel-fired generators.
- Soil and groundwater analytical results confirm residual impacts from petroleum release(s) to the east and west of the natural gas-fired generators.
- Soil and groundwater analytical results confirm residual impacts from PFAS/PFOA release(s) to the north and east of the foam house.

Should Site upgrades occur in the future that require disturbance or excavation of petroleum impacted soil, the impacted soil should be properly disposed of as construction derived waste at a SD permitted landfill or land farm.

7. REPORT CLOSURE

7.1. Reliance

AET has prepared this Limited Phase II ESA for the exclusive use of the User for specific application to the Site. Written authorization by AET is necessary for other parties to rely on this report.

Because Site uses and environmental conditions can change over time, this report must be considered time sensitive. AET should be consulted if 180 days have elapsed since the report date or the passage of time results in uncertainty about the continuing applicability of this report.

7.2. Standard of Care

AET has endeavored to perform services for this project in a manner consistent with the level of skill and care ordinarily exercised by other members of the profession currently practicing in this area, under similar budgetary and time constraints. No warranty, express or implied, is made.

This report is based on our current understanding of the project and conditions at the Site. If conditions differing from our original understanding or findings are identified, AET should be consulted to determine if there are material impacts on our conclusions or recommendations.

7.3. Methodology

This Limited Phase II ESA has been conducted under the supervision of an Environmental Professional, pursuant to ASTM Practice E1903-19 for the objectives described in the Purpose section of this report and according to the methods described in Appendix A. AET's findings, opinions, and conclusions are based on the Scope of Services defined in this report and are not intended to address non-scope considerations. If additional information on non-scope considerations is needed, please contact AET.

7.4. Remarks

The information gathered during the performance of this Limited Phase II ESA may be useful for allocating business environmental risk in transactional and contractual contexts or for disclosing liability in financial statements and securities reporting. However, the User is fully responsible for the appropriate use of this Limited Phase II ESA in such contexts.

The data derived through this Limited Phase II ESA has been used to develop professional opinions about the subsurface and environmental conditions at the Site. However, we recognize that not all critical information may have become known to AET, and that no exploration program can fully reveal what is in the subsurface. As a result, there may be impacted locations or media that were not detected, and there may be contaminants present other than those for which we tested given the Purpose and Scope of Services for this Limited Phase II ESA.



8. QUALIFICATIONS AND SIGNATURES

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed the assessment in conformance with the practices set forth in ASTM: E1903-19.

Report Authored By:

A blue ink signature of Robert A. Prann, consisting of stylized initials and a surname.

Robert A. Prann
Environmental Project Manager

Report Reviewed By:

A blue ink signature of Bradley P. Bishop, featuring a stylized first name and a surname.

Bradley P. Bishop
Senior Environmental Project Manager

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS

Sample ID	Depth ¹	TPH-D (mg/kg)	Naphthalene (mg/kg)	PFOA (ng/g)	PFOS (ng/g)
SB-1/S3	5.0 - 7.5	3000	4.65	-- ¹²	--
SB-2/S3	5.0 - 7.5	905	<3.67 ¹³	--	--
SB-3/S4	7.5 - 10.0	7090	11.4	--	--
SB-4/S4	7.5 - 10.0	2520	<2.97	--	--
SB-6/S5	10.0 - 12.5	5210	8.03	--	--
SB-7/S8	17.5 - 20.0	4930	6.69	--	--
SB-8/S4	7.5 - 10.0	<8.47	<2.49	--	--
SB-9/S4	7.5 - 10.0	6670	13.0	--	--
SB-12/S6	12.5 - 15.0	<6.4	<1.88	--	--
SB-13/S2	2.5 - 5.0	12100	19.3	--	--
SB-15/S5	10.0 - 12.5	<6.52	<1.92	--	--
SB-16/S6	12.5 - 15.0	<8.87	<2.61	--	--
SB-17/S7	15.0 - 17.5	155	<3.50	--	--
SB-18/S7	15.0 - 17.5	<12.5	<3.68	--	--
SB-11/S2	2.5 - 5.0	--	--	1.25	1310
SB-11/S4	7.5 - 10.0	--	--	0.388	187
SB-11/S8	17.5 - 20.0	--	--	0.251	191
SB-14/S2	2.5 - 5.0	--	--	57.5	2630
SB-14/S4	7.5 - 10.0	--	--	0.371	1050
SD DANR Tier 1 Trigger/Action Levels		500	25	--	--

¹ Depths measured in feet below ground surface.

¹² "--" denotes sample not analyzed for this specific contaminant of concern.

¹³ "<" denotes analyte not detected at or above the sample detection limit following the "less than" symbol.

Concentrations measured in exceedance of the respective regulatory limit(s) are presented in **bold italics**.

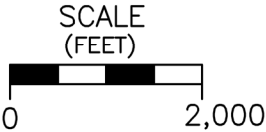
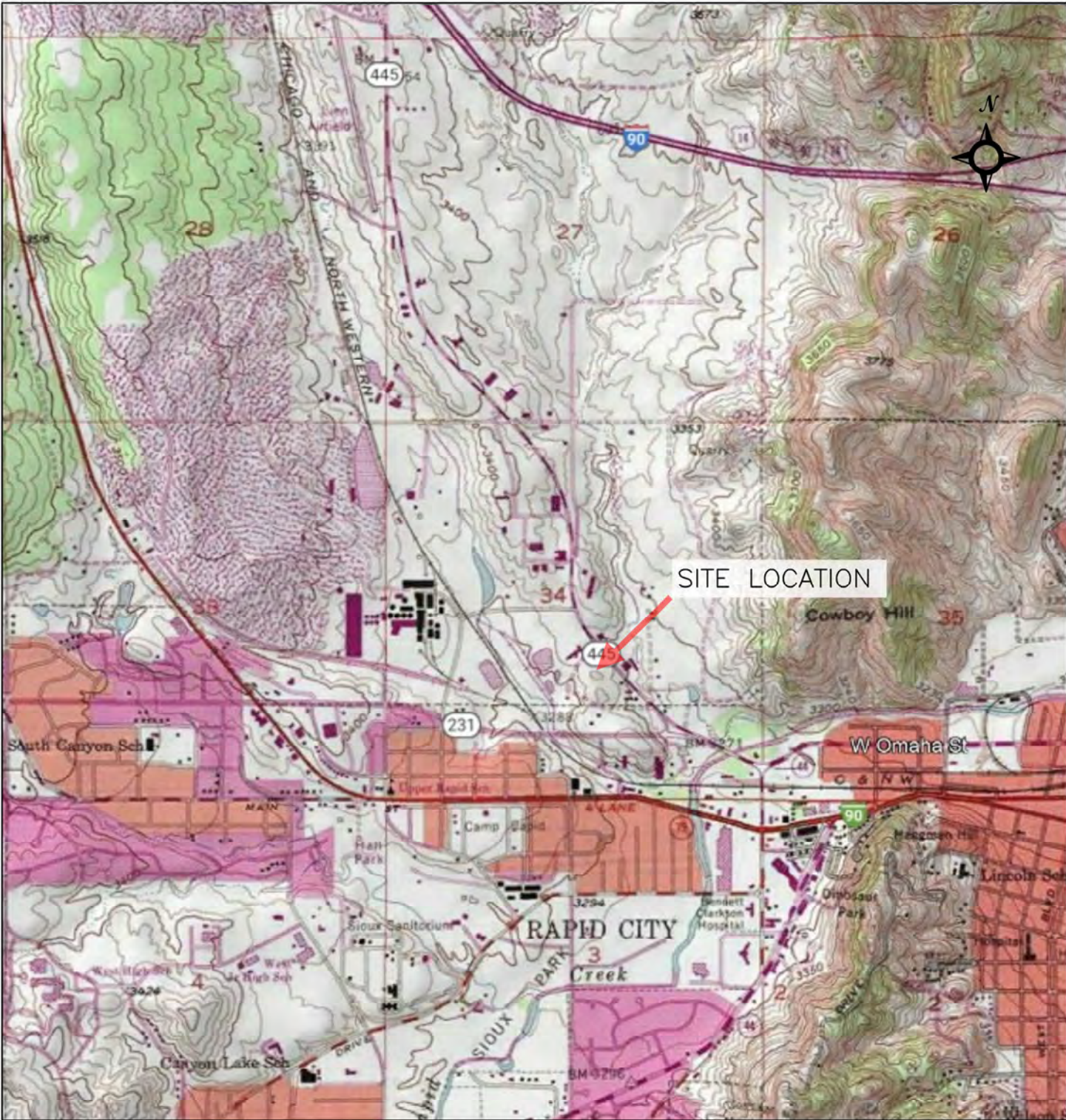
Piezometer Number	Date of Measurement	Reference Elevation ¹	Depth to Free Product ²	Well Depth ²	Depth to Water ²	Groundwater Surface Elevation ¹
SB-4	08/07/25	3321.27	--	12.7	5.05	3316.22
SB-7	08/07/25	3311.69	11.29	28.0	11.31	3300.40 ³
SB-9	08/07/25	3306.96	--	18.0	6.55	3300.41
SB-11	08/08/25	3337.06	--	20.0	18.42	3318.64
SB-16	08/07/25	3298.95	--	20.0	10.41	3288.54
SB-17	08/07/25	3335.37	--	20.0	Dry	Dry
MW	08/07/25	3329.14	--	21.35	6.87	3322.27

¹ - Measured in feet above mean sea level (amsl).
² - Feet below the top of the PVC riser pipe.
³ - Groundwater Surface Elevation corrected for the presence of free product.

¹² - Feet below the top of the PVC riser pipe.

¹³ - Groundwater Surface Elevation corrected for the presence of free product.

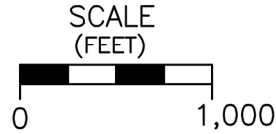
TABLE 4 GROUNDWATER ANALYTICAL RESULTS					
Well Number	Date of Collection	TPH-D (mg/L)	PFOS (ng/L)	PFNA (ng/L)	PFOA (ng/L)
SB-4	08/07/25	71.3	-- ¹²	--	--
SB-9	08/07/25	106	--	--	--
SB-11	08/08/25	--	662,000	75.4	2310
SB-16	08/07/25	<0.240 ¹¹	--	--	--
MW	08/08/25	<0.250	--	--	--
SDGWQS/EPA NPDWR		10.0	4.0	10.0	4.0
¹¹ -- "<" denotes that the analyte was not detected at or above the analyte reporting limit (RL). ¹² -- "--" denotes that the designated analyte was not analyzed in the associated sample. Concentrations measured in exceedance of the respective regulatory limit(s) are presented in bold italics .					



USGS TOPOGRAPHIC MAP
PROVIDED BY USGS DATABASE
DATED: 2021 SCALE: 1:24,000



PROJECT: BHC BEN FRENCH LIMITED PHASE II ESA 409 DEADWOOD AVENUE, RAPID CITY, SD		PROJECT NO.: P-0039055
SUBJECT: SITE LOCATION TOPO MAP	DRAWN BY: RAP	DATE: SEPT. 12, 2025
SCALE: 1 INCH = 2,000 FEET	REVIEWED BY: BPB	FIGURE: 1



USGS TOPOGRAPHIC MAP
PROVIDED BY USGS DATABASE
DATED: 2021 SCALE: 1:24,000



PROJECT: BHC BEN FRENCH – LIMITED PHASE II ESA 409 DEADWOOD AVENUE, RAPID CITY, SD		PROJECT NO.: P-0039055	
SUBJECT: SITE LOCATION AERIAL PHOTOGRAPH		DRAWN BY: RAP	DATE: SEPT. 12, 2025
SCALE: 1 INCH = 1,000 FEET		REVIEWED BY: BPB	FIGURE: 2



PROJECT:BLACK HILLS CORPORATION BEN FRENCH LIMITED PHASE II ESA
409 DEADWOOD AVENUE, RAPID CITY, SOUTH DAKOTA

PROJECT NO.
P-0039055

SUBJECT: SITE LOCATION AERIAL PHOTO WITH SUSPECTED
RECOGNIZED ENVIRONMENTAL CONDITIONS

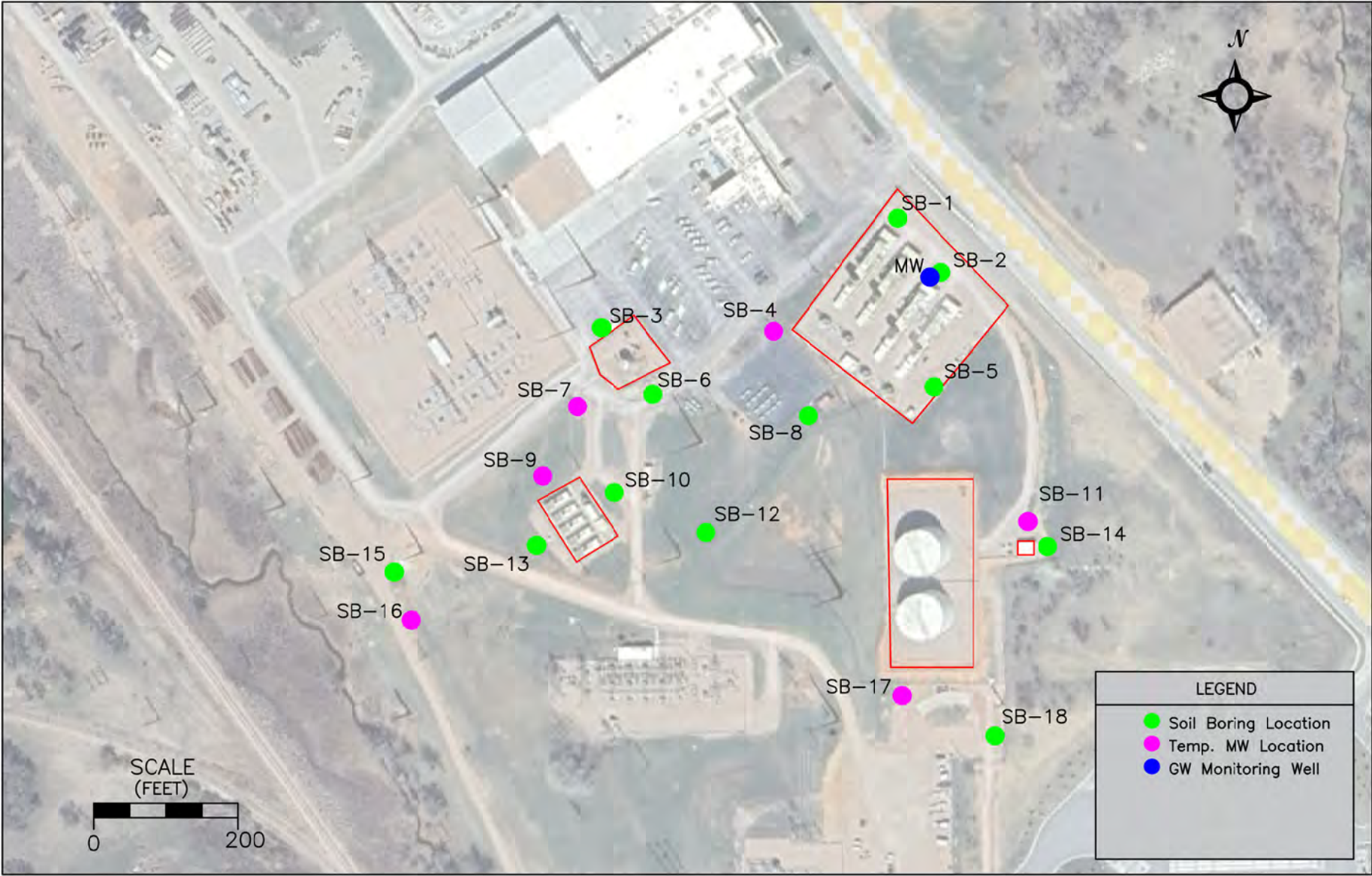
DRAWN BY: RAP

DATE:
SEPTEMBER 9, 2025

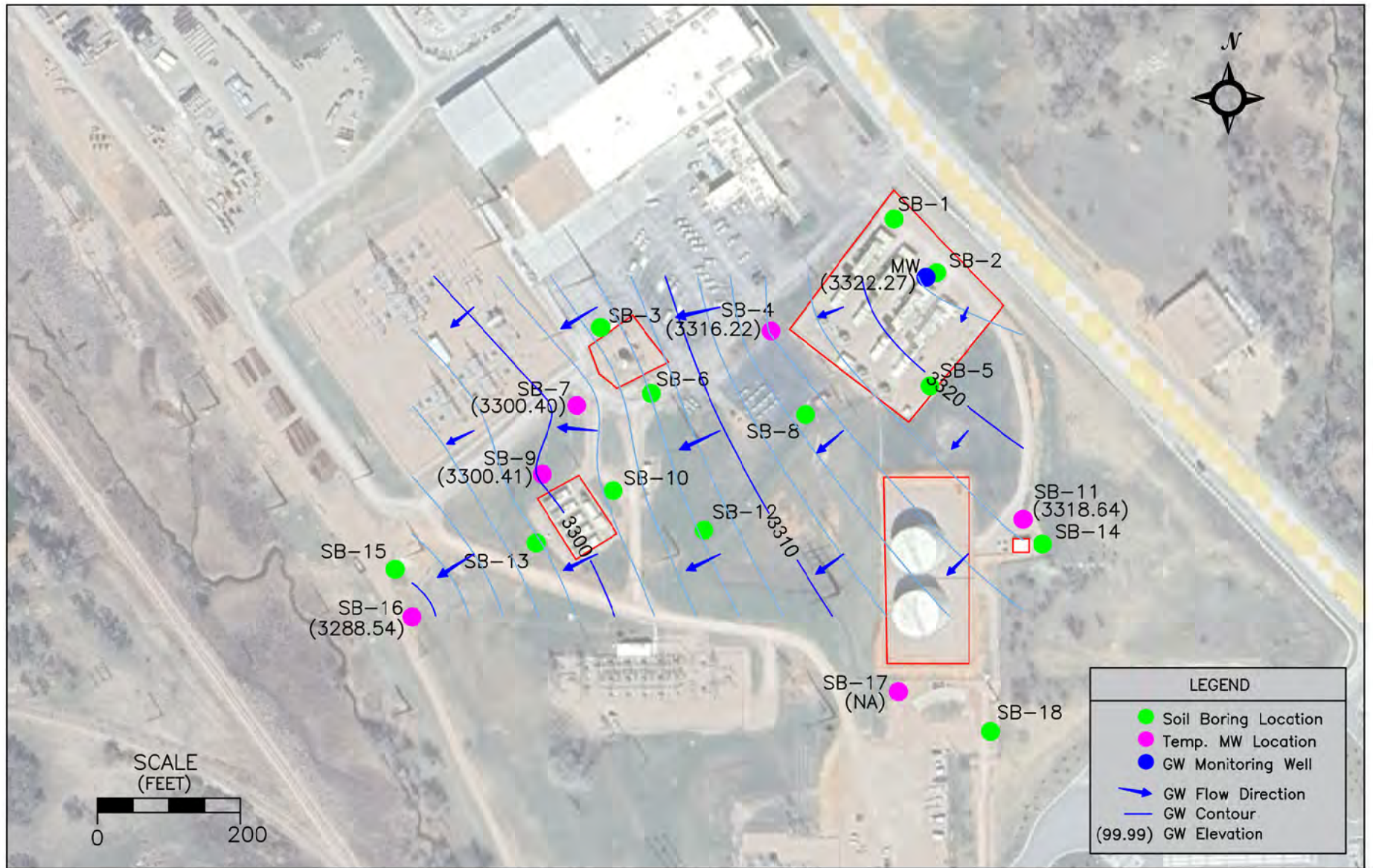
SCALE:1 INCH = 250 FEET

REVIEWED BY: BPB

FIGURE:
3



PROJECT:BLACK HILLS CORPORATION BEN FRENCH LIMITED PHASE II ESA 409 DEADWOOD AVENUE, RAPID CITY, SOUTH DAKOTA		PROJECT NO. P-0039055
SUBJECT: SITE LOCATION AERIAL PHOTO W/ SOIL BORING, TEMP. MW, AND MONITORING WELL LOCATIONS	DRAWN BY:RAP	DATE: SEPTEMBER 9, 2025
SCALE:1 INCH = 200 FEET	REVIEWED BY: BPB	FIGURE: 4



PROJECT:BLACK HILLS CORPORATION BEN FRENCH LIMITED PHASE II ESA
409 DEADWOOD AVENUE, RAPID CITY, SOUTH DAKOTA

SUBJECT: SITE LOCATION AERIAL PHOTO W/
GROUNDWATER CONTOURS INFERRED FROM AUGUST 2025 DATA

SCALE:1 INCH = 200 FEET

DRAWN BY:RAP

REVIEWED BY:
BPB

PROJECT NO.
P-0039055

DATE:
SEPTEMBER 9, 2025

FIGURE:
5



APPENDIX A

Methodologies



METHODOLOGIES

Work performed is conducted in general accordance with:

Handbook for Investigation and Corrective Action Requirements for Discharges from Storage Tanks, Piping Systems, and other Releases, South Dakota Department of Agriculture and Natural Resources, Version 3.1, July 2023.

This document is hereby incorporated into this document by reference.

The following are brief descriptions of the methodologies which were used during this study.

Soil Boring Locations

Soil borings are placed at locations to confirm/discount previously identified suspect RECs and determine the degree of the petroleum hydrocarbon or per- and polyfluoroalkyl substance impacts to the soil and groundwater at the Site.

Soil Boring Advancement

The soil borings are advanced with a Geoprobe® drill rig using direct push technology. Soil samples are collected using a 2.25 inch outside diameter by four-foot sample tube. The soil core samples are collected on a continuous basis to the terminal depth of the borings. Soil samples are collected from the sample tube lined with a Geoprobe® PVC sample liner which is inserted into the sample tube for each five-foot sampling interval.

Soil Sample Screening

Soil screening and sampling activities include the collection of soil samples from the soil borings. The soil samples are visually examined during sample collection for discoloration and other indications of petroleum impacts.

The soil samples are screened for the presence of organic vapors as indications of hydrocarbon contamination using an Ion Science PhoCheck TIGER photoionization detector (PID). This instrument provides readings in parts per million (ppm) equivalents of the calibration gas. The lower detectable limit is approximately 1 ppm. Erratic responses are discounted as a result of high organic vapor concentrations or conditions of elevated headspace moisture. Occasionally, vapor interference may also be encountered from the plastic sample bags utilized for headspace analysis. The PID is calibrated on-site using the concentration (as recommended by the manufacturer) of Isobutylene gas with a 10.6 eV lamp source. Headspace vapor readings are obtained by partially filling a sealable plastic sample bag. The sample bag is agitated, and the soil is allowed to warm within the sealed container. The probe of the PID is inserted through the top of the sample container to obtain a headspace reading. Concentrations are recorded as the maximum level reached after insertion of the probe.



METHODOLOGIES (continued)

Contamination Reduction

The Geoprobe® drill rig, rods, and sampler are steam cleaned prior to mobilization to the Site.

Soil Sample Collection

Select soil samples are collected in 4-ounce glass soil jars with Teflon-lined lids or are placed in appropriate containers as pertaining to the contaminant(s) to be analyzed by the chemistry laboratory. The samples are shipped or transported to a qualified laboratory in a cooler chilled with ice or ice packs.

Temporary Groundwater Monitoring Well Installation

Select soil borings encountering groundwater are completed as temporary groundwater monitoring wells. The temporary groundwater monitoring wells are composed of factory manufactured flush thread 1" schedule 40 PVC well materials.

Groundwater and Free Product Elevation Measurements

Groundwater and free product elevation measurements are obtained by using an electronic probe that indicates when the probe is in contact with liquid. Measurements are obtained by lowering the probe until it indicates a liquid surface has been encountered. A solid tone indicates a layer of free product has been encountered and an intermittent tone indicates that water has been encountered. The distance from the top of the riser pipe to the end of the probe is then measured. The distance from the top of the riser to the water is the depth to water. The distance from the top of the riser pipe to the layer of free product is the depth to product. The difference between these two measurements is the hydrocarbon thickness. The electric interface probe is precise to 0.01 feet; however, the manufacturer's report indicates the accuracy of the instrument is 0.04 feet. Conditions permitting, the groundwater flow direction may be determined by triangulating the groundwater elevations.

Groundwater Sampling

Groundwater samples are collected using polyethylene and silicone tubing via a peristaltic pump. Prior to sampling, the piezometers are purged for three consecutive volumes, if possible. Piezometers that pump down before three volumes can be removed are allowed to recharge before sampling. The samples are transferred directly from the tubing into 40 ml vials and/or liter amber bottles, as appropriate to the sample procedure.

Soil Boring and Piezometer Abandonment

Following completion of field monitoring activities, the piezometers are removed from the soil borings and the borings are abandoned in accordance with ARSD DANR regulations.

Chemical Analysis – Soil and Groundwater

The soil and groundwater samples are analyzed for the presence and concentration of TPH-D or PFAS/PFOA, soil samples are also analyzed for naphthalene, according to the appropriate Environmental Protection Agency (EPA) and/or California/United States Geological Survey (USGS) methods.



Chain of Custody

Upon collection of a sample to be analyzed in the laboratory, a chain of custody log is initiated. The chain of custody log includes the following information: project name, project number, shipped by, shipped to, project manager, sampling point, location, field identification number, date taken, sample type, number of containers, analysis required and sampler's signature. The chain of custody log is shipped with the samples to the laboratory. On arrival at the laboratory, the samples are checked in and signed over to the appropriate laboratory personnel. A copy of the chain of custody log is maintained by the project manager.

Quality Assurance/Quality Control (QA/QC)

QA/QC manuals are available at AET offices for your review.

Reporting

Reports are prepared that 1) present and summarize the results of the work conducted, 2) include Site location and study area maps, 3) give our opinion regarding the presence of petroleum hydrocarbons and the necessity for additional work, and 4) if the results of the study warrant additional work, recommend the scope of additional work.



APPENDIX B

Soil Boring Logs



SUBSURFACE BORING LOG

Exhibit MLL-4
Page 380 of 500

AET No: P-0039055		Log of Boring No. SB-01 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,328 amsl		Co. Coordinates: N 4883079.79				E 639224.72						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		CRUSHED LIMESTONE AGGREGATE, 6 inches FILL, Silty Lean Clay, red (CL)	SURFACING FILL		M	DP						ND
2												
3		CRUSHED LIMESTONE AGGREGATE, 14 inches	FORMER SURFACING		M	DP						ND
4												
5		SHALE, Silty Lean Clay with siltstone laminations and gypsum lenses, red, white (CL)	SPEARFISH FORMATION			DP						
6												
7												
		Sampler Refusal at 7.5'										

DEPTH: 7.5		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		7/30/25	12:50	7.5	NA	NA	NA	None	
BORING COMPLETED: 7/30/25									
DR: RP LG: JR Rig: Geoprobe									

AET CORP W-ELEV AND COORD P-0039055 - RAPID CITY NEW.GPJ AET-CPT+WELL.GDT 9/1/25



SUBSURFACE BORING LOG

Exhibit MLL-4
Page 381 of 500

AET No: P-0039055		Log of Boring No. SB-02 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,326 amsl		Co. Coordinates: N 4883070.25				E 639235.85						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		CRUSHED LIMESTONE AGGREGATE, 4 inches SHALE, Silty Lean Clay with gypsum, red, white (CL) with gypsum lense 3.0-4.0'	SURFACING SPEARFISH FORMATION		M	DP						ND
2												
3												
4												
5					M	DP						ND
6					M	DP						101
7					M	DP						
8					M	DP						ND
		Sampler Refusal at 8.0'										

DEPTH: 8.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		7/30/25	13:10	8.0	NA	NA	NA	None	
BORING COMPLETED: 7/30/25									
DR: RP LG: JR Rig: Geoprobe									

AET CORP W-ELEV AND COORD P-0039055 - RAPID CITY NEW.GPJ AET-CPT+WELL.GDT 9/11/25



SUBSURFACE BORING LOG

Exhibit MLL-4
Page 382 of 500

AET No: P-0039055		Log of Boring No. SB-03 (p. 1 of 1)																																																																																									
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota																																																																																											
Surface Elevation: 3,318 amsl		Co. Coordinates: N 4883034.51				E 639093.75																																																																																					
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS																																																																																			
								WC	DEN	LL	PL	PID (ppm)																																																																															
1		ASPHALT , 3 inches	PAVEMENT FILL																																																																																								
		FILL , Lean Clay, mottled green, black, brown, red (CL)			M	DP						ND																																																																															
2																																																																																											
3		FILL , Silty Lean Clay with shale fragments, red (CL)			M	DP						ND																																																																															
4																																																																																											
5																																																																																											
6						M	DP					141																																																																															
7		FILL , Silty Lean Clay, mottled red, brown, gray (CL)																																																																																									
8																																																																																											
9						M	DP					503																																																																															
10																																																																																											
11		gray with hydrocarbon staining and odor 6.5'-19.0'				M	DP					331																																																																															
12																																																																																											
13					M	DP					106																																																																																
14																																																																																											
15																																																																																											
16		SHALE , Silty Lean Clay with gypsum lenses, red, white (CL)	SPEARFISH FORMATION		W	DP						165																																																																															
17																																																																																											
18																																																																																											
19						M	DP					11																																																																															
20																																																																																											
21		free hydrocarbon product noted in sample 20.0'-21.0'				M	DP					209																																																																															
22																																																																																											
23		Sampler Refusal at 23.0'			M	DP						105																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">DEPTH: 23.0</td> <td colspan="2">DRILLING METHOD: Direct Push</td> <td colspan="5">WATER LEVEL MEASUREMENTS</td> <td colspan="3" rowspan="5">NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>DATE</td> <td>TIME</td> <td>SAMPLED DEPTH</td> <td>CASING DEPTH</td> <td>CAVE-IN DEPTH</td> <td>DRILLING FLUID LEVEL</td> <td>WATER LEVEL</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>8/6/25</td> <td>10:20</td> <td>23.0</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>15.2</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">BORING COMPLETED: 8/6/25</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="4">DR: RP LG: JR Rlg: Geoprobe</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table>												DEPTH: 23.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG							DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL					8/6/25	10:20	23.0	NA	NA	NA	15.2																							BORING COMPLETED: 8/6/25												DR: RP LG: JR Rlg: Geoprobe											
DEPTH: 23.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG																																																																																		
				DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH				DRILLING FLUID LEVEL	WATER LEVEL																																																																														
				8/6/25	10:20	23.0	NA	NA				NA	15.2																																																																														
BORING COMPLETED: 8/6/25																																																																																											
DR: RP LG: JR Rlg: Geoprobe																																																																																											

AET CORP W-ELEV AND COORD P-0039055 - RAPID CITY NEW.GPJ AET-CPT+WELL.GDT 9/1/25



SUBSURFACE BORING LOG

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AET No: P-0039055		Log of Boring No. SB-04 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,319 amsl		Co. Coordinates: N 4883033.73				E 639168.77						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		ASPHALT, 3 inches	PAVEMENT COLLUVIUM		M	DP						ND
2		SILTY LEAN CLAY, red (CL)										
3												
4					M	DP						ND
5												
6		SHALE, Silty Lean Clay, red (CL)	SPEARFISH FORMATION		W	DP						ND
7												
8												
9		with gypsum inclusions at 9.0'			M	DP						181
10												
11					M	DP						136
12		Temporary Piezometer set at 12.7'			M	DP						178
		Sampler Refusal at 12.7'										

DEPTH: 12.7		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		8/6/25	9:30	12.7	NA	NA	NA	2.8	
		8/7/25		12.7	12.7	NA	NA	2.8	
BORING COMPLETED: 8/6/25									
DR: RP LG: JR Rig: Geoprobe									

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AET No: P-0039055		Log of Boring No. SB-05 (p. 1 of 1)											
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota													
Surface Elevation: 3,327 amsl		Co. Coordinates: N 4883007.8				E 639236.26							
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS					
								WC	DEN	LL	PL	PID (ppm)	
1		CRUSHED LIMESTONE											
		AGGREGATE, 3 inches											
2		SHALE , Silty Lean Clay with siltstone laminations and gypsum lenses, red, white (CL)				M		DP					ND
3		GYPSUM , white			M		DP						ND
		Sampler Refusal at 3.5'											

DEPTH: 3.5		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		7/30/25	15:30	3.5	NA	NA	NA	None	
BORING COMPLETED: 7/30/25									
DR: RP LG: JR Rig: Geoprobe									

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AET No: P-0039055		Log of Boring No. SB-06 (p. 1 of 1)											
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota													
Surface Elevation: 3,317 amsl		Co. Coordinates: N 4883009.18				E 639118.5							
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS					
								WC	DEN	LL	PL	PID (ppm)	
1		CRUSHED LIMESTONE AGGREGATE, 4 inches	SURFACING FILL		M	DP						ND	
2		FILL, Silty Lean Clay, mottled light reddish brown, dark brown (CL)											
3					M	DP						ND	
4		SILTY LEAN CLAY, red (CL)	COLLUVIUM										
5													
6					M	DP						34	
7		black wth hydrocarbon staining and odor 7.0-7.3'											
8					M	DP						147	
9													
10		mottled gray with hydrocarbon staining and odor 10.0'-12.5'			M	DP						158	
11													
12					M	DP						66	
13													
14					M	DP							
15													
16					M	DP						123	
17		SHALE, Silty Lean Clay with gypsum lenses and laminations, red, white (CL)	SPEARFISH FORMATION										
18					M	DP						8	
19													
20					M	DP						8	
21													
22					M	DP							
23					M	DP						5	
		Sampler Refusal at 23.5'											
DEPTH: 23.5		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG				
				DATE: 8/5/25	TIME: 14:45	SAMPLED DEPTH: 23.5	CASING DEPTH: NA	CAVE-IN DEPTH: NA				DRILLING FLUID LEVEL: NA	WATER LEVEL: None
BORING COMPLETED: 8/5/25													
DR: RP LG: JR Rig: Geoprobe													

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AET No: P-0039055		Log of Boring No. SB-07 (p. 1 of 1)																																																																										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota																																																																												
Surface Elevation: 3,308 amsl		Co. Coordinates: N 4883003.86				E 639085.9																																																																						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS																																																																				
								WC	DEN	LL	PL	PID (ppm)																																																																
1		TOPSOIL , Lean Clay with organics, dark brown (CL)	TOPSOIL																																																																									
2		FILL , Silty Lean Clay, mottled brown, red, black, some coal ash present (CL)	FILL		M	DP						ND																																																																
3		SILTY LEAN CLAY , reddish brown to red (CL)	COLLUVIUM																																																																									
4					M	DP						ND																																																																
5																																																																												
6		gray with hydrocarbon staining and odor 6.0-12.0'			M	DP						95																																																																
7																																																																												
8					▽ M	DP						304																																																																
9																																																																												
10																																																																												
11					M	DP						91																																																																
12																																																																												
13					M	DP						148																																																																
14																																																																												
15		free hydrocarbon product noted on sampler																																																																										
16					W	DP						115																																																																
17																																																																												
18																																																																												
19		SHALE , Silty Lean Clay, red, with hydrocarbon odor (CL)	SPEARFISH FORMATION		M	DP						433																																																																
20																																																																												
21					M	DP						80																																																																
22																																																																												
23																																																																												
24					M	DP						210																																																																
25																																																																												
26					M	DP						40																																																																
27																																																																												
28		Temporary Piezometer set at 28.0' Sampler Refusal at 28.0			M	DP						33																																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">DEPTH: 28.0</td> <td colspan="2">DRILLING METHOD: Direct Push</td> <td colspan="5">WATER LEVEL MEASUREMENTS</td> <td rowspan="5">NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>DATE</td> <td>TIME</td> <td>SAMPLED DEPTH</td> <td>CASING DEPTH</td> <td>CAVE-IN DEPTH</td> <td>DRILLING FLUID LEVEL</td> <td>WATER LEVEL</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>8/5/25</td> <td>13:40</td> <td>28.0</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>8.4</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>8/7/25</td> <td></td> <td>28.0</td> <td>28.0</td> <td>NA</td> <td>NA</td> <td>8.1</td> </tr> <tr> <td colspan="2">BORING COMPLETED: 8/5/25</td> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">DR: RP LG: JR Rig: Geoprobe</td> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												DEPTH: 28.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG					DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL					8/5/25	13:40	28.0	NA	NA	NA	8.4					8/7/25		28.0	28.0	NA	NA	8.1	BORING COMPLETED: 8/5/25											DR: RP LG: JR Rig: Geoprobe										
DEPTH: 28.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG																																																																			
				DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH		DRILLING FLUID LEVEL	WATER LEVEL																																																																	
				8/5/25	13:40	28.0	NA	NA		NA	8.4																																																																	
				8/7/25		28.0	28.0	NA		NA	8.1																																																																	
BORING COMPLETED: 8/5/25																																																																												
DR: RP LG: JR Rig: Geoprobe																																																																												

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AET No: P-0039055		Log of Boring No. SB-08 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,325 amsl		Co. Coordinates: N 4882999.61				E 639186.82						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		ASPHALT, 2 inches	PAVEMENT SPEARFISH FORMATION		M	DP						ND
2		SHALE, Silty Lean Clay with gypsum laminations and minor gypsum inclusions, red, white (CL)										
3												
4												
5												
6												
7					M	DP						ND
8												
9					M	DP						ND
10												
11					M	DP						ND
		Sampler Refusal at 11.5'										
DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG			
11.5 Direct Push		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL				
		8/5/25	15:50	11.5	NA	NA	NA	None				
BORING COMPLETED: 8/5/25												
DR: RP LG: JR Rig: Geoprobe												

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AET No: P-0039055		Log of Boring No. SB-09 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,304 amsl		Co. Coordinates:		N 4882968.61			E 639068.5					
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		TOPSOIL , Lean Clay with organics, dark brown (CL)	TOPSOIL FILL		M	DP						ND
2		FILL , Silty Lean Clay, light reddish brown (CL)										
3												
4						M	DP					ND
5		with some coal ash throughout										
6						M	DP					ND
7												
8		SHALE , Silty Lean Clay, red (CL)	SPEARFISH FORMATION		M	DP						342
9		mottled gray with hydrocarbon staining and odor 9.0'-16.0'										
10												
11							W	DP				96
12												
13							M	DP				292
14												
15												
16					M	DP						ND
17												
18		Temporary Piezometer set at 18.0'			M	DP						ND
		Sampler Refusal at 18.5'										

DEPTH: 18.5		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		8/5/25	11:40	18.5	NA	NA	NA	4.0	
		8/7/25		18.5	18.0	NA	NA	4.4	
BORING COMPLETED: 8/5/25									
DR: RP LG: JR Rig: Geoprobe									

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AET No: P-0039055		Log of Boring No. SB-11 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,336 amsl		Co. Coordinates: N 4882951.95				E 639277.85						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		CRUSHED LIMESTONE AGGREGATE, 3 inches	SURFACING COLLUVIUM		M	DP						
2		LEAN CLAY, gray, brown (CL)		SUNDANCE FORMATION								
3		SHALE, Lean to Fat Clay with sandstone lenses and laminations, greenish gray, tan (CL-CH)										
4					M	DP						
5												
6					M	DP						
7												
8												
9					M	DP						
10												
11					M	DP						
12												
13		no sandstone lenses or laminations			M	DP						
14												
15					M	DP						
16												
17					M	DP						
18												
19		Temporary Piezometer set at 19.0'			M	DP						
20		Sampler Refusal at 20.0'										

DEPTH: 20.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		8/6/25	11:30	20.0	NA	NA	NA	None	
		8/8/25		20.0	20.0	NA	NA	17.4	
BORING COMPLETED: 8/6/25									
DR: RP LG: JR Rig: Geoprobe									

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AET No: P-0039055		Log of Boring No. SB-12 (p. 1 of 1)											
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota													
Surface Elevation: 3,320 amsl		Co. Coordinates: N 4882942				E 639140.29							
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS					
								WC	DEN	LL	PL	PID (ppm)	
1		TOPSOIL , Lean Clay with organics, dark brown	TOPSOIL										
2		FILL , Silty Lean Clay, mottled red, brown, dark brown (CL)	FILL		M	DP						ND	
3													
4					M	DP						ND	
5													
6					M	DP						ND	
7													
8													
9					M	DP						ND	
10													
11					M	DP						ND	
12		SHALE , Silty Lean Clay, red (CL)	SPEARFISH										
13			FORMATION		M	DP						ND	
14													
15					M	DP						ND	
16													
17					M	DP						ND	
18					M	DP						ND	
		Sampler Refusal at 18.5'											
DEPTH: 18.5		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG				
				DATE: 8/5/25	TIME: 15:20	SAMPLED DEPTH: 18.5	CASING DEPTH: NA	CAVE-IN DEPTH: NA				DRILLING FLUID LEVEL: NA	WATER LEVEL: None
BORING COMPLETED: 8/5/25													
DR: RP LG: JR Rig: Geoprobe													

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AET No: P-0039055		Log of Boring No. SB-13 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,307 amsl		Co. Coordinates: N 4882939.11				E 639065.45						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		TOPSOIL, Lean Clay with organics, dark brown	TOPSOIL									
2		COAL ASH, black	FILL		M	DP						ND
3		FILL, Lean Clay, gray, with hydrocarbon odor (CL)										
4		GYPSUM, white	SPEARFISH FORMATION		M	DP						240
4		Sampler Refusal at 4.0'										

DEPTH: 4.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		8/5/25	10:55	4.0	NA	NA	NA	None	
BORING COMPLETED: 8/5/25									
DR: RP LG: JR Rig: Geoprobe									

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AET No: P-0039055		Log of Boring No. SB-14 (p. 1 of 1)											
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota													
Surface Elevation: 3,339 amsl		Co. Coordinates: N 4882938.98				E 639287.86							
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS					
								WC	DEN	LL	PL	PID (ppm)	
1		TOPSOIL , Lean Clay with organics, dark brown (CL)	TOPSOIL FILL		M	DP							
2		FILL , Silty Lean Clay with shale and sandstone fragments, mottled red, gray, brown			M	DP							
3					M	DP							
4					M	DP							
5					M	DP							
6		SANDSTONE , Silty Sand with shale lenses, greenish gray, tan, (SM)	SUNDANCE FORMATION		M	DP							
7					M	DP							
8					M	DP							
9					M	DP							
10					M	DP							
11					M	DP							
12					M	DP							
13		shale lenses increasing with depth			M	DP							
14		Sampler Refusal at 14.0'											
DEPTH: 14.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG				
				DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH				DRILLING FLUID LEVEL	WATER LEVEL
				8/6/25	12:30	14.0	NA	NA				NA	None
BORING COMPLETED: 8/6/25													
DR: RP LG: JR Rig: Geoprobe													

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AET No: P-0039055		Log of Boring No. SB-15 (p. 1 of 1)											
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota													
Surface Elevation: 3,300 amsl		Co. Coordinates: N 4882930.29				E 639003.43							
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS					
								WC	DEN	LL	PL	PID (ppm)	
1		CRUSHED LIMESTONE AGGREGATE, 4 inches FILL, Lean Clay with a little gravel, mottled red, brown, black (CL)	SURFACING FILL		M	DP						ND	
2													
3		SILTY LEAN CLAY, reddish brown, tan (CL)	ALLUVIUM		M	DP						ND	
4													
5													
6													ND
7					M	DP							
8													
9					M	DP						ND	
10													
11		SILTY LEAN CLAY, red (CL)			M	DP						ND	
12													
13													
14							M	DP					ND
15													
16		SHALE, Silty Lean Clay, red (CL)	SPEARFISH FORMATION		M	DP						ND	
17													
18													
19							M	DP					ND
20		Bottom of Boring											

DEPTH: 20.0	DRILLING METHOD: Direct Push	WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		7/30/25	11:40	20.0	NA	NA	NA	None	
BORING COMPLETED: 7/30/25									
DR: RP LG: JR Rig: Geoprobe									

AET CORP W-ELEV AND COORD P-0039055 - RAPID CITY NEW.GPJ AET-CPT+WELL.GDT 9/11/25



SUBSURFACE BORING LOG

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AET No: P-0039055		Log of Boring No. SB-16 (p. 1 of 1)											
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota													
Surface Elevation: 3,299 amsl		Co. Coordinates: N 4882896.83				E 639011.7							
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS					
								WC	DEN	LL	PL	PID (ppm)	
1		FILL , Silty Lean Clay with a little gravel, mottled red, dark gray	FILL		M	DP						ND	
2													
3													
4					M	DP						ND	
5													
6					M	DP						ND	
7		LEAN CLAY , brown to dark brown (CL)	ALLUVIUM										
8													
9													
10					M	DP						ND	
11					▽								
12		SILTY LEAN CLAY , red (CL)			M	DP						ND	
13													
14							W	DP					ND
15													
16					W	DP						ND	
17													
18		SHALE , Silty Lean Clay with sand, light red (CL)	SPEARFISH FORMATION		M	DP						ND	
19													
20													
		Sampler Refusal at 20.0'											

DEPTH: 20.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		7/30/25	11:12	20.0	NA	NA	NA	None	
		8/6/25	9:58	20.0	20.0	NA	NA	None	
BORING COMPLETED: 7/30/25		8/7/25		20.0	20.0	NA	NA	10.4	
DR: RP LG: JR Rig: Geoprobe									

AET CORP W-ELEV AND COORD P-0039055 - RAPID CITY NEW.GPJ AET-CPT+WELL.GDT 9/1/25



SUBSURFACE BORING LOG

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AET No: P-0039055		Log of Boring No. SB-17 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,335 amsl		Co. Coordinates: N 4882873.24				E 639227.26						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		CRUSHED LIMESTONE AGGREGATE, 3 inches	SURFACING									
2		SHALE, Fat Clay with sandstone laminations, gray, tan (CH)	SUNDANCE FORMATION		M	DP						ND
3												
4					M	DP						ND
5												
6					M	DP						19
7												
8		greenish gray, fewer sandstone laminations										
9					M	DP						6
10												
11					M	DP						ND
12												
13												
14					M	DP						20
15												
16					M	DP						23
17												
18		with sandstone laminations										
19		with sandstone lense 19.0'-19.3', gray			M	DP						6
20		Piezometer set at 20.12' Sampler Refusal at 20.0'										

DEPTH:	DRILLING METHOD	WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
	20.0 Direct Push	8/5/25	9:40	20.0	NA	NA	NA	None	
		8/7/25		20.0	20.1	NA	NA	None	
BORING COMPLETED: 7/30/25									
DR: RP LG: JR Rig: Geoprobe									

AET CORP W-ELEV AND COORD P-0039055 - RAPID CITY NEW.GPJ AET-CPT+WELL.GDT 9/1/25



SUBSURFACE BORING LOG

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AET No: P-0039055		Log of Boring No. SB-18 (p. 1 of 1)										
Project: BHE Ben French Power Plant - Phase II ESA; 409 Deadwood Avenue, Rapid City, South Dakota												
Surface Elevation: 3,327 amsl		Co. Coordinates: N 4882851.26				E 639261.65						
DEPTH IN FEET	ELEV. FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
								WC	DEN	LL	PL	PID (ppm)
1		CRUSHED LIMESTONE AGGREGATE, 5 inches FILL, Silty Lean Clay, red (CL)	SURFACING FILL		M	DP						ND
2					M	DP						ND
3					M	DP						ND
4		FILL, Silty Gravel with sand, gray, buff (GM)			M	DP						ND
5					M	DP						ND
6					M	DP						ND
7		SHALE, Fat Clay with sand lenses and laminations, gray, tan (CH)	SUNDANCE FORMATION		M	DP						ND
8					M	DP						ND
9					M	DP						ND
10					M	DP						ND
11					M	DP						ND
12					M	DP						ND
13					M	DP						ND
14					M	DP						ND
15												
16												
17												
18												
19												
20		Sampler Refusal at 20.0'										

DEPTH: 20.0		DRILLING METHOD: Direct Push		WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG		
				DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH		DRILLING FLUID LEVEL	WATER LEVEL
				7/30/25	10:20	20.0	NA	NA		NA	None
BORING COMPLETED: 7/30/25											
DR: RP LG: JR Rig: Geoprobe											

AET CORP W-ELEV AND COORD P-0039055 - RAPID CITY NEW.GPJ AET-CPT+WELL.GDT 9/1/25



APPENDIX C

Analytical Laboratory Results



ANALYTICAL REPORT

REVIEWED*By Robert Prann at 1:36 pm, Sep 02, 2025*

PREPARED FOR

Attn: Robert A Prann
American Engineering Testing Inc.
1745 Samco Road
Rapid City, South Dakota 57702

Generated 8/26/2025 3:08:42 PM

JOB DESCRIPTION

Rapid City SD - PFAS
P-0039055

JOB NUMBER

310-313113-1

Eurofins Cedar Falls

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: American Engineering Testing Inc.
Project: Rapid City SD - PFAS

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Job Narrative 310-313113-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/12/2025 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C.

Diesel Range Organics

Method OA2: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: SB-1/S3 (310-313113-6), SB-2/S3 (310-313113-7), SB-6/S5 (310-313113-10), SB-7/S8 (310-313113-11), SB-8/S4 (310-313113-12), SB-9/S4 (310-313113-13), SB-12/S6 (310-313113-14), SB-13/S2 (310-313113-15), SB-15/S5 (310-313113-16), SB-16/S6 (310-313113-17), SB-17/S7 (310-313113-18) and SB-18/S7 (310-313113-19). The reporting limits (RLs) have been adjusted proportionately.

Method OA2: The following sample was prepared outside of preparation holding time: SB-2/S3 (310-313113-7).

Method OA2: The method blank for preparation batch 310-463467 and analytical batch 310-463636 contained Total Extractable Hydrocarbons above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method OA2: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: SB-3/S4 (310-313113-8) and SB-4/S4 (310-313113-9). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS

Method 1633_Final: The continuing calibration verification (CCV) recovered outside of control limits for IDA compound(s) d3-NMeFOSAA. Section 14.3.3 of the finalized EPA 1633 states that the recovery of target analytes for the CCV(s) must be within 70 - 130%, unless the analyte is not of concern for a given project. Since target analytes associated with this IDA are within spec, data is reported. The following samples are impacted: SB-11/S2 (310-313113-1), SB-14/S2 (310-313113-4), SB-14/S4 (310-313113-5) and (CCV 240-667925/24).

Method 1633_Final: Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following samples: SB-11/S2 (310-313113-1), SB-14/S2 (310-313113-4) and SB-14/S4 (310-313113-5). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method 1633_Final: Internal standard recovery of 13C4-PFOS was outside the method recommended limit for the following samples: SB-11/S2 (310-313113-1), SB-14/S2 (310-313113-4) and SB-14/S4 (310-313113-5). Since this was likely due to matrix effects. Samples were analyzed at a dilution and may have elevated RLs.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Sample Summary

Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

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Job ID: 310-313113-1
SDG: P-0039055

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-313113-1	SB-11/S2	Solid	08/06/25 11:10	08/12/25 10:00	South Dakota
310-313113-2	SB-11/S4	Solid	08/06/25 11:15	08/12/25 10:00	South Dakota
310-313113-3	SB-11/S8	Solid	08/06/25 11:30	08/12/25 10:00	South Dakota
310-313113-4	SB-14/S2	Solid	08/06/25 12:05	08/12/25 10:00	South Dakota
310-313113-5	SB-14/S4	Solid	08/06/25 12:15	08/12/25 10:00	South Dakota
310-313113-6	SB-1/S3	Solid	07/30/25 12:40	08/12/25 10:00	South Dakota
310-313113-7	SB-2/S3	Solid	07/03/25 13:05	08/12/25 10:00	South Dakota
310-313113-8	SB-3/S4	Solid	08/06/25 10:00	08/12/25 10:00	South Dakota
310-313113-9	SB-4/S4	Solid	08/06/25 09:20	08/12/25 10:00	South Dakota
310-313113-10	SB-6/S5	Solid	08/05/25 14:25	08/12/25 10:00	South Dakota
310-313113-11	SB-7/S8	Solid	08/05/25 13:30	08/12/25 10:00	South Dakota
310-313113-12	SB-8/S4	Solid	08/05/25 15:45	08/12/25 10:00	South Dakota
310-313113-13	SB-9/S4	Solid	08/05/25 11:30	08/12/25 10:00	South Dakota
310-313113-14	SB-12/S6	Solid	08/05/25 15:15	08/12/25 10:00	South Dakota
310-313113-15	SB-13/S2	Solid	08/05/25 10:45	08/12/25 10:00	South Dakota
310-313113-16	SB-15/S5	Solid	07/30/25 11:30	08/12/25 10:00	South Dakota
310-313113-17	SB-16/S6	Solid	07/30/25 10:55	08/12/25 10:00	South Dakota
310-313113-18	SB-17/S7	Solid	07/30/25 09:40	08/12/25 10:00	South Dakota
310-313113-19	SB-18/S7	Solid	07/30/25 10:20	08/12/25 10:00	South Dakota

Detection Summary

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1

SDG: P-0039055

Client Sample ID: SB-11/S2

Lab Sample ID: 310-313113-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.134	J	0.488	0.122	ng/g	1	✱	1633	Total/NA
Perfluoropentanoic acid (PFPeA)	0.187	J	0.244	0.0976	ng/g	1	✱	1633	Total/NA
Perfluorohexanoic acid (PFHxA)	0.796		0.244	0.0610	ng/g	1	✱	1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.160	J	0.244	0.0610	ng/g	1	✱	1633	Total/NA
Perfluorooctanoic acid (PFOA)	1.25		0.244	0.134	ng/g	1	✱	1633	Total/NA
Perfluorononanoic acid (PFNA)	0.0837	J	0.244	0.0610	ng/g	1	✱	1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.168	J	0.244	0.0610	ng/g	1	✱	1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	14.5		0.244	0.0610	ng/g	1	✱	1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS) - DL	1.74	J	4.88	1.22	ng/g	20	✱	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	1310		4.88	1.22	ng/g	20	✱	1633	Total/NA
Perfluorooctanesulfonamide (PFOSA) - DL	1.65	J	4.88	1.22	ng/g	20	✱	1633	Total/NA

Client Sample ID: SB-11/S4

Lab Sample ID: 310-313113-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.119	J	0.256	0.102	ng/g	1	✱	1633	Total/NA
Perfluorohexanoic acid (PFHxA)	0.829		0.256	0.0640	ng/g	1	✱	1633	Total/NA
Perfluorooctanoic acid (PFOA)	0.388		0.256	0.141	ng/g	1	✱	1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.117	J	0.256	0.0640	ng/g	1	✱	1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.228	J	0.256	0.0640	ng/g	1	✱	1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.68		0.256	0.0640	ng/g	1	✱	1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.209	J	0.256	0.0640	ng/g	1	✱	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	187	E	0.256	0.0640	ng/g	1	✱	1633	Total/NA
Perfluorooctanesulfonamide (PFOSA)	0.125	J	0.256	0.0640	ng/g	1	✱	1633	Total/NA

Client Sample ID: SB-11/S8

Lab Sample ID: 310-313113-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.222	J	0.243	0.0608	ng/g	1	✱	1633	Total/NA
Perfluorooctanoic acid (PFOA)	0.251		0.243	0.134	ng/g	1	✱	1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.0869	J	0.243	0.0608	ng/g	1	✱	1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.42		0.243	0.0608	ng/g	1	✱	1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.781		0.243	0.0608	ng/g	1	✱	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	191	E	0.243	0.0608	ng/g	1	✱	1633	Total/NA

Client Sample ID: SB-14/S2

Lab Sample ID: 310-313113-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	5.95		0.445	0.111	ng/g	1	✱	1633	Total/NA
Perfluoropentanoic acid (PFPeA)	14.0		0.222	0.0890	ng/g	1	✱	1633	Total/NA
Perfluorohexanoic acid (PFHxA)	96.0		0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	11.8		0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluorooctanoic acid (PFOA)	57.5		0.222	0.122	ng/g	1	✱	1633	Total/NA
Perfluorononanoic acid (PFNA)	0.292		0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluorodecanoic acid (PFDA)	0.282		0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.103	J	0.222	0.0556	ng/g	1	✱	1633	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-14/S2 (Continued)

Lab Sample ID: 310-313113-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorododecanoic acid (PFDoA)	0.0812	J	0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	49.4		0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	104		0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	433	E	0.222	0.0556	ng/g	1	✱	1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS) - DL	5.95	J	11.1	2.78	ng/g	50	✱	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	2630		11.1	2.78	ng/g	50	✱	1633	Total/NA
Perfluorononanesulfonic acid (PFNS) - DL	5.81	J	11.1	2.78	ng/g	50	✱	1633	Total/NA
Perfluorooctanesulfonamide (PFOSA) - DL	31.8		11.1	2.78	ng/g	50	✱	1633	Total/NA
Perfluorodecanesulfonic acid (PFDS) - DL	7.29	J	11.1	2.78	ng/g	50	✱	1633	Total/NA

Client Sample ID: SB-14/S4

Lab Sample ID: 310-313113-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.415		0.219	0.0547	ng/g	1	✱	1633	Total/NA
Perfluorooctanoic acid (PFOA)	0.371		0.219	0.120	ng/g	1	✱	1633	Total/NA
Perfluorodecanoic acid (PFDA)	0.185	J	0.219	0.0547	ng/g	1	✱	1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.122	J	0.219	0.0547	ng/g	1	✱	1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.753		0.219	0.0547	ng/g	1	✱	1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS) - DL	1.63	J	4.38	1.09	ng/g	20	✱	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	1050		4.38	1.09	ng/g	20	✱	1633	Total/NA
Perfluorononanesulfonic acid (PFNS) - DL	8.69		4.38	1.09	ng/g	20	✱	1633	Total/NA
Perfluorodecanesulfonic acid (PFDoS) - DL	1.62	J	4.38	1.09	ng/g	20	✱	1633	Total/NA
Perfluorooctanesulfonamide (PFOSA) - DL	72.1		4.38	1.09	ng/g	20	✱	1633	Total/NA
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA) - DL	1.48	J	4.38	1.16	ng/g	20	✱	1633	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA) - DL	2.16	J	4.38	1.09	ng/g	20	✱	1633	Total/NA
Perfluorodecanesulfonic acid (PFDS) - DL	8.71		4.38	1.09	ng/g	20	✱	1633	Total/NA

Client Sample ID: SB-1/S3

Lab Sample ID: 310-313113-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	3000		30.0	10.2	mg/Kg	1		OA-2	Total/NA
Naphthalene	4.65		3.00	3.00	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-2/S3

Lab Sample ID: 310-313113-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	905	H H3	36.7	12.5	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-3/S4

Lab Sample ID: 310-313113-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	7090		32.9	11.2	mg/Kg	1		OA-2	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-3/S4 (Continued)

Lab Sample ID: 310-313113-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	11.4		3.29	3.29	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-4/S4

Lab Sample ID: 310-313113-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	2520		29.7	10.1	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-6/S5

Lab Sample ID: 310-313113-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	5210		26.7	9.07	mg/Kg	1		OA-2	Total/NA
Naphthalene	8.03		2.67	2.67	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-7/S8

Lab Sample ID: 310-313113-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	4930		23.2	7.89	mg/Kg	1		OA-2	Total/NA
Naphthalene	6.69		2.32	2.32	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-8/S4

Lab Sample ID: 310-313113-12

No Detections.

Client Sample ID: SB-9/S4

Lab Sample ID: 310-313113-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	6670		29.0	9.87	mg/Kg	1		OA-2	Total/NA
Naphthalene	13.0		2.90	2.90	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-12/S6

Lab Sample ID: 310-313113-14

No Detections.

Client Sample ID: SB-13/S2

Lab Sample ID: 310-313113-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	12100		21.2	7.21	mg/Kg	1		OA-2	Total/NA
Naphthalene	19.3		2.12	2.12	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-15/S5

Lab Sample ID: 310-313113-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Extractable Hydrocarbons	14.0	J B Z	28.7	6.52	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-16/S6

Lab Sample ID: 310-313113-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Extractable Hydrocarbons	16.7	J B Z	39.1	8.87	mg/Kg	1		OA-2	Total/NA

Client Sample ID: SB-17/S7

Lab Sample ID: 310-313113-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	155		35.0	11.9	mg/Kg	1		OA-2	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1

SDG: P-0039055

Client Sample ID: SB-11/S2

Lab Sample ID: 310-313113-1

Date Collected: 08/06/25 11:10

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 80.8

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.134	J	0.488	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluoropentanoic acid (PFPeA)	0.187	J	0.244	0.0976	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorohexanoic acid (PFHxA)	0.796		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluoroheptanoic acid (PFHpA)	0.160	J	0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorooctanoic acid (PFOA)	1.25		0.244	0.134	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorononanoic acid (PFNA)	0.0837	J	0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorodecanoic acid (PFDA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluoroundecanoic acid (PFUnA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorododecanoic acid (PFDoA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorotridecanoic acid (PFTrDA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorobutanesulfonic acid (PFBS)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluoropentanesulfonic acid (PFPeS)	0.168	J	0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluorohexanesulfonic acid (PFHxS)	14.5		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.122		0.488	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.122		0.488	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.122		0.488	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.122		0.488	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.305		1.22	0.305	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.305		1.22	0.305	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0610		0.244	0.0610	ng/g	☼	08/14/25 08:34	08/15/25 11:02	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98.5		8 - 130	08/14/25 08:34	08/15/25 11:02	1
13C5 PFPeA	95.1		35 - 130	08/14/25 08:34	08/15/25 11:02	1
13C5 PFHxA	95.5		40 - 130	08/14/25 08:34	08/15/25 11:02	1
13C4 PFHpA	96.5		40 - 130	08/14/25 08:34	08/15/25 11:02	1
13C8 PFOA	95.5		40 - 130	08/14/25 08:34	08/15/25 11:02	1
13C9 PFNA	92.0		40 - 130	08/14/25 08:34	08/15/25 11:02	1
13C6 PFDA	91.7		40 - 130	08/14/25 08:34	08/15/25 11:02	1
13C7 PFUnA	86.3		40 - 130	08/14/25 08:34	08/15/25 11:02	1
13C2 PFTeDA	88.8		20 - 130	08/14/25 08:34	08/15/25 11:02	1
13C3 PFBS	98.7		40 - 135	08/14/25 08:34	08/15/25 11:02	1
13C3 PFHxS	95.2		40 - 130	08/14/25 08:34	08/15/25 11:02	1
M2-4:2 FTS	85.6		40 - 165	08/14/25 08:34	08/15/25 11:02	1

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Client Sample Results

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-11/S2

Lab Sample ID: 310-313113-1

Date Collected: 08/06/25 11:10

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 80.8

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	94.0		40 - 215	08/14/25 08:34	08/15/25 11:02	1
M2-8:2 FTS	89.4		40 - 275	08/14/25 08:34	08/15/25 11:02	1
13C3 HFPO-DA	94.0		40 - 130	08/14/25 08:34	08/15/25 11:02	1
13C2-PFDoDA	93.3		40 - 130	08/14/25 08:34	08/15/25 11:02	1

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	1.74	J	4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
Perfluorooctanesulfonic acid (PFOS)	1310		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
Perfluorononanesulfonic acid (PFNS)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
Perfluorododecanesulfonic acid (PFDoS)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
Perfluorooctanesulfonamide (PFOSA)	1.65	J	4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
N-methylperfluorooctane sulfonamide (NMeFOSA)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.29		4.88	1.29	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<6.10		24.4	6.10	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<6.10		24.4	6.10	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
Perfluorodecanesulfonic acid (PFDS)	<1.22		4.88	1.22	ng/g	☼	08/14/25 08:34	08/16/25 13:23	20
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	99.6		8 - 130				08/14/25 08:34	08/16/25 13:23	20
13C5 PFPeA	101		35 - 130				08/14/25 08:34	08/16/25 13:23	20
13C5 PFHxA	102		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C4 PFHpA	98.1		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C8 PFOA	103		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C9 PFNA	95.4		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C6 PFDA	93.6		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C7 PFUnA	89.4		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C2 PFTeDA	91.5		20 - 130				08/14/25 08:34	08/16/25 13:23	20
13C3 PFBS	103		40 - 135				08/14/25 08:34	08/16/25 13:23	20
13C3 PFHxS	103		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C8 PFOS	96.1		40 - 130				08/14/25 08:34	08/16/25 13:23	20
13C8 PFOSA	103		40 - 130				08/14/25 08:34	08/16/25 13:23	20
d3-NMeFOSAA	107		40 - 135				08/14/25 08:34	08/16/25 13:23	20
d5-NEtFOSAA	151	*5+	40 - 150				08/14/25 08:34	08/16/25 13:23	20
M2-4:2 FTS	104		40 - 165				08/14/25 08:34	08/16/25 13:23	20
M2-6:2 FTS	107		40 - 215				08/14/25 08:34	08/16/25 13:23	20
M2-8:2 FTS	104		40 - 275				08/14/25 08:34	08/16/25 13:23	20

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Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-11/S2

Lab Sample ID: 310-313113-1

Date Collected: 08/06/25 11:10

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 80.8

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	96.4		40 - 130	08/14/25 08:34	08/16/25 13:23	20
d7-N-MeFOSE-M	64.9		20 - 130	08/14/25 08:34	08/16/25 13:23	20
d9-N-EtFOSE-M	65.6		15 - 130	08/14/25 08:34	08/16/25 13:23	20
d5-NEtPFOSA	94.2		10 - 130	08/14/25 08:34	08/16/25 13:23	20
D3-NMeFOSA	94.1		10 - 130	08/14/25 08:34	08/16/25 13:23	20
13C2-PFDoDA	91.1		40 - 130	08/14/25 08:34	08/16/25 13:23	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	80.8		0.1	0.1	%			08/14/25 14:20	1
Percent Moisture (EPA Moisture)	19.2		0.1	0.1	%			08/14/25 14:20	1

Client Sample Results

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-11/S4

Lab Sample ID: 310-313113-2

Date Collected: 08/06/25 11:15

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 77.7

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.128		0.512	0.128	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluoropentanoic acid (PFPeA)	0.119	J	0.256	0.102	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorohexanoic acid (PFHxA)	0.829		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluoroheptanoic acid (PFHpA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorooctanoic acid (PFOA)	0.388		0.256	0.141	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorononanoic acid (PFNA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorodecanoic acid (PFDA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluoroundecanoic acid (PFUnA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorododecanoic acid (PFDoA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorotridecanoic acid (PFTriDA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorobutanesulfonic acid (PFBS)	0.117	J	0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.228	J	0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorohexanesulfonic acid (PFHxS)	4.68		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluoroheptanesulfonic acid (PFHpS)	0.209	J	0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorooctanesulfonic acid (PFOS)	187	E	0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorononanesulfonic acid (PFNS)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorododecanesulfonic acid (PFDoS)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.128		0.512	0.128	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.128		0.512	0.128	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.128		0.512	0.128	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluorooctanesulfonamide (PFOSA)	0.125	J	0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0678		0.256	0.0678	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.320		1.28	0.320	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.320		1.28	0.320	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
Nonfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.0640		0.256	0.0640	ng/g	✱	08/14/25 08:34	08/15/25 11:18	1

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-11/S4

Lab Sample ID: 310-313113-2

Date Collected: 08/06/25 11:15

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 77.7

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	<0.0640		0.256	0.0640	ng/g	☆	08/14/25 08:34	08/15/25 11:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0640		0.256	0.0640	ng/g	☆	08/14/25 08:34	08/15/25 11:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.128		0.512	0.128	ng/g	☆	08/14/25 08:34	08/15/25 11:18	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.320		1.28	0.320	ng/g	☆	08/14/25 08:34	08/15/25 11:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.320		1.28	0.320	ng/g	☆	08/14/25 08:34	08/15/25 11:18	1
Perfluorodecanesulfonic acid (PFDS)	<0.0640		0.256	0.0640	ng/g	☆	08/14/25 08:34	08/15/25 11:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0640		0.256	0.0640	ng/g	☆	08/14/25 08:34	08/15/25 11:18	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	95.4		8 - 130	08/14/25 08:34	08/15/25 11:18	1
13C5 PFPeA	93.8		35 - 130	08/14/25 08:34	08/15/25 11:18	1
13C5 PFHxA	94.4		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C4 PFHpA	96.0		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C8 PFOA	96.5		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C9 PFNA	92.5		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C6 PFDA	87.4		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C7 PFUnA	81.4		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C2 PFTeDA	76.8		20 - 130	08/14/25 08:34	08/15/25 11:18	1
13C3 PFBS	93.6		40 - 135	08/14/25 08:34	08/15/25 11:18	1
13C3 PFHxS	92.4		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C8 PFOS	87.0		40 - 130	08/14/25 08:34	08/15/25 11:18	1
13C8 PFOSA	116		40 - 130	08/14/25 08:34	08/15/25 11:18	1
d3-NMeFOSAA	106		40 - 135	08/14/25 08:34	08/15/25 11:18	1
d5-NEtFOSAA	93.7		40 - 150	08/14/25 08:34	08/15/25 11:18	1
M2-4:2 FTS	78.8		40 - 165	08/14/25 08:34	08/15/25 11:18	1
M2-6:2 FTS	90.1		40 - 215	08/14/25 08:34	08/15/25 11:18	1
M2-8:2 FTS	84.5		40 - 275	08/14/25 08:34	08/15/25 11:18	1
13C3 HFPO-DA	92.8		40 - 130	08/14/25 08:34	08/15/25 11:18	1
d7-N-MeFOSE-M	64.6		20 - 130	08/14/25 08:34	08/15/25 11:18	1
d9-N-EtFOSE-M	61.9		15 - 130	08/14/25 08:34	08/15/25 11:18	1
d5-NEtPFOSA	104		10 - 130	08/14/25 08:34	08/15/25 11:18	1
D3-NMeFOSA	107		10 - 130	08/14/25 08:34	08/15/25 11:18	1
13C2-PFDoDA	85.9		40 - 130	08/14/25 08:34	08/15/25 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.7		0.1	0.1	%			08/14/25 14:20	1
Percent Moisture (EPA Moisture)	22.3		0.1	0.1	%			08/14/25 14:20	1

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-11/S8

Lab Sample ID: 310-313113-3

Date Collected: 08/06/25 11:30

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 82.2

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.122		0.486	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluoropentanoic acid (PFPeA)	<0.0973		0.243	0.0973	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorohexanoic acid (PFHxA)	0.222	J	0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluoroheptanoic acid (PFHpA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorooctanoic acid (PFOA)	0.251		0.243	0.134	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorononanoic acid (PFNA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorodecanoic acid (PFDA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluoroundecanoic acid (PFUnA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorododecanoic acid (PFDoA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorotridecanoic acid (PFTTrDA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorotetradecanoic acid (PFTTeDA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorobutanesulfonic acid (PFBS)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluoropentanesulfonic acid (PFPeS)	0.0869	J	0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorohexanesulfonic acid (PFHxS)	2.42		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluoroheptanesulfonic acid (PFHpS)	0.781		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorooctanesulfonic acid (PFOS)	191	E	0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorononanesulfonic acid (PFNS)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorododecanesulfonic acid (PFDoS)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.122		0.486	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.122		0.486	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.122		0.486	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorooctanesulfonamide (PFOSA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0645		0.243	0.0645	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.304		1.22	0.304	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.304		1.22	0.304	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1

SDG: P-0039055

Client Sample ID: SB-11/S8

Lab Sample ID: 310-313113-3

Date Collected: 08/06/25 11:30

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 82.2

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.122		0.486	0.122	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.304		1.22	0.304	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.304		1.22	0.304	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluorodecanesulfonic acid (PFDS)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0608		0.243	0.0608	ng/g	☼	08/14/25 08:34	08/15/25 11:35	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	89.9		8 - 130	08/14/25 08:34	08/15/25 11:35	1
13C5 PFPeA	87.3		35 - 130	08/14/25 08:34	08/15/25 11:35	1
13C5 PFHxA	91.9		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C4 PFHpA	89.8		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C8 PFOA	93.7		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C9 PFNA	89.6		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C6 PFDA	85.7		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C7 PFUnA	81.0		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C2 PFTeDA	80.1		20 - 130	08/14/25 08:34	08/15/25 11:35	1
13C3 PFBS	91.9		40 - 135	08/14/25 08:34	08/15/25 11:35	1
13C3 PFHxS	89.9		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C8 PFOS	85.7		40 - 130	08/14/25 08:34	08/15/25 11:35	1
13C8 PFOSA	97.3		40 - 130	08/14/25 08:34	08/15/25 11:35	1
d3-NMeFOSAA	89.9		40 - 135	08/14/25 08:34	08/15/25 11:35	1
d5-NEtFOSAA	82.0		40 - 150	08/14/25 08:34	08/15/25 11:35	1
M2-4:2 FTS	75.8		40 - 165	08/14/25 08:34	08/15/25 11:35	1
M2-6:2 FTS	89.0		40 - 215	08/14/25 08:34	08/15/25 11:35	1
M2-8:2 FTS	82.2		40 - 275	08/14/25 08:34	08/15/25 11:35	1
13C3 HFPO-DA	88.4		40 - 130	08/14/25 08:34	08/15/25 11:35	1
d7-N-MeFOSE-M	58.8		20 - 130	08/14/25 08:34	08/15/25 11:35	1
d9-N-EtFOSE-M	54.0		15 - 130	08/14/25 08:34	08/15/25 11:35	1
d5-NEtPFOSA	87.2		10 - 130	08/14/25 08:34	08/15/25 11:35	1
D3-NMeFOSA	90.5		10 - 130	08/14/25 08:34	08/15/25 11:35	1
13C2-PFDoDA	85.1		40 - 130	08/14/25 08:34	08/15/25 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.2		0.1	0.1	%			08/14/25 14:20	1
Percent Moisture (EPA Moisture)	17.8		0.1	0.1	%			08/14/25 14:20	1

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-14/S2

Lab Sample ID: 310-313113-4

Date Collected: 08/06/25 12:05

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 87.3

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.95		0.445	0.111	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluoropentanoic acid (PFPeA)	14.0		0.222	0.0890	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorohexanoic acid (PFHxA)	96.0		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluoroheptanoic acid (PFHpA)	11.8		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorooctanoic acid (PFOA)	57.5		0.222	0.122	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorononanoic acid (PFNA)	0.292		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorodecanoic acid (PFDA)	0.282		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluoroundecanoic acid (PFUnA)	0.103	J	0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorododecanoic acid (PFDoA)	0.0812	J	0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorotridecanoic acid (PFTTrDA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorobutanesulfonic acid (PFBS)	49.4		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluoropentanesulfonic acid (PFPeS)	104		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluorohexanesulfonic acid (PFHxS)	433	E	0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.111		0.445	0.111	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.111		0.445	0.111	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.111		0.445	0.111	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.111		0.445	0.111	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.278		1.11	0.278	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.278		1.11	0.278	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0556		0.222	0.0556	ng/g	✱	08/14/25 08:34	08/15/25 11:51	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	95.8		8 - 130	08/14/25 08:34	08/15/25 11:51	1
13C5 PFPeA	95.3		35 - 130	08/14/25 08:34	08/15/25 11:51	1
13C5 PFHxA	93.6		40 - 130	08/14/25 08:34	08/15/25 11:51	1
13C4 PFHpA	95.6		40 - 130	08/14/25 08:34	08/15/25 11:51	1
13C8 PFOA	97.6		40 - 130	08/14/25 08:34	08/15/25 11:51	1
13C9 PFNA	92.5		40 - 130	08/14/25 08:34	08/15/25 11:51	1
13C6 PFDA	89.3		40 - 130	08/14/25 08:34	08/15/25 11:51	1
13C7 PFUnA	84.9		40 - 130	08/14/25 08:34	08/15/25 11:51	1
13C2 PFTeDA	88.8		20 - 130	08/14/25 08:34	08/15/25 11:51	1

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1

SDG: P-0039055

Client Sample ID: SB-14/S2

Lab Sample ID: 310-313113-4

Date Collected: 08/06/25 12:05

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 87.3

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	133		40 - 135	08/14/25 08:34	08/15/25 11:51	1
13C3 PFHxS	90.6		40 - 130	08/14/25 08:34	08/15/25 11:51	1
M2-4:2 FTS	120		40 - 165	08/14/25 08:34	08/15/25 11:51	1
M2-6:2 FTS	92.7		40 - 215	08/14/25 08:34	08/15/25 11:51	1
M2-8:2 FTS	124		40 - 275	08/14/25 08:34	08/15/25 11:51	1
13C3 HFPO-DA	99.0		40 - 130	08/14/25 08:34	08/15/25 11:51	1
13C2-PFDoDA	87.9		40 - 130	08/14/25 08:34	08/15/25 11:51	1

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	5.95	J	11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
Perfluorooctanesulfonic acid (PFOS)	2630		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
Perfluorononanesulfonic acid (PFNS)	5.81	J	11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
Perfluorododecanesulfonic acid (PFDoS)	<2.78		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
Perfluorooctanesulfonamide (PFOSA)	31.8		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
N-methylperfluorooctane sulfonamide (NMeFOSA)	<2.78		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<2.78		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<2.95		11.1	2.95	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<2.78		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<13.9		55.6	13.9	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<13.9		55.6	13.9	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	<2.78		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	<2.78		11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50
Perfluorodecanesulfonic acid (PFDS)	7.29	J	11.1	2.78	ng/g	☼	08/14/25 08:34	08/16/25 13:39	50

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97.6		8 - 130	08/14/25 08:34	08/16/25 13:39	50
13C5 PFPeA	102		35 - 130	08/14/25 08:34	08/16/25 13:39	50
13C5 PFHxA	93.7		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C4 PFHpA	95.8		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C8 PFOA	104		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C9 PFNA	92.9		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C6 PFDA	84.4		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C7 PFUnA	81.9		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C2 PFTeDA	90.3		20 - 130	08/14/25 08:34	08/16/25 13:39	50
13C3 PFBS	95.0		40 - 135	08/14/25 08:34	08/16/25 13:39	50
13C3 PFHxS	90.9		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C8 PFOS	90.1		40 - 130	08/14/25 08:34	08/16/25 13:39	50
13C8 PFOSA	95.1		40 - 130	08/14/25 08:34	08/16/25 13:39	50
d3-NMeFOSAA	96.7		40 - 135	08/14/25 08:34	08/16/25 13:39	50

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-14/S2

Lab Sample ID: 310-313113-4

Date Collected: 08/06/25 12:05

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 87.3

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	155	*5+	40 - 150	08/14/25 08:34	08/16/25 13:39	50
M2-4:2 FTS	89.8		40 - 165	08/14/25 08:34	08/16/25 13:39	50
M2-6:2 FTS	94.9		40 - 215	08/14/25 08:34	08/16/25 13:39	50
M2-8:2 FTS	93.8		40 - 275	08/14/25 08:34	08/16/25 13:39	50
13C3 HFPO-DA	93.8		40 - 130	08/14/25 08:34	08/16/25 13:39	50
d7-N-MeFOSE-M	57.3		20 - 130	08/14/25 08:34	08/16/25 13:39	50
d9-N-EtFOSE-M	65.7		15 - 130	08/14/25 08:34	08/16/25 13:39	50
d5-NEtPFOSA	83.2		10 - 130	08/14/25 08:34	08/16/25 13:39	50
D3-NMeFOSA	89.2		10 - 130	08/14/25 08:34	08/16/25 13:39	50
13C2-PFDoDA	86.6		40 - 130	08/14/25 08:34	08/16/25 13:39	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.3		0.1	0.1	%			08/14/25 14:20	1
Percent Moisture (EPA Moisture)	12.7		0.1	0.1	%			08/14/25 14:20	1

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1

SDG: P-0039055

Client Sample ID: SB-14/S4

Lab Sample ID: 310-313113-5

Date Collected: 08/06/25 12:15

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 91.4

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.109		0.438	0.109	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluoropentanoic acid (PFPeA)	<0.0876		0.219	0.0876	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorohexanoic acid (PFHxA)	0.415		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluoroheptanoic acid (PFHpA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorooctanoic acid (PFOA)	0.371		0.219	0.120	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorononanoic acid (PFNA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorodecanoic acid (PFDA)	0.185 J		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluoroundecanoic acid (PFUnA)	0.122 J		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorododecanoic acid (PFDoA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorotridecanoic acid (PFTeDA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorobutanesulfonic acid (PFBS)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluorohexanesulfonic acid (PFHxS)	0.753		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.109		0.438	0.109	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.109		0.438	0.109	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.109		0.438	0.109	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.109		0.438	0.109	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.274		1.09	0.274	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.274		1.09	0.274	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0547		0.219	0.0547	ng/g	☼	08/14/25 08:34	08/15/25 12:08	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	101		8 - 130	08/14/25 08:34	08/15/25 12:08	1
13C5 PFPeA	98.4		35 - 130	08/14/25 08:34	08/15/25 12:08	1
13C5 PFHxA	100		40 - 130	08/14/25 08:34	08/15/25 12:08	1
13C4 PFHpA	97.0		40 - 130	08/14/25 08:34	08/15/25 12:08	1
13C8 PFOA	100		40 - 130	08/14/25 08:34	08/15/25 12:08	1
13C9 PFNA	96.2		40 - 130	08/14/25 08:34	08/15/25 12:08	1
13C6 PFDA	93.1		40 - 130	08/14/25 08:34	08/15/25 12:08	1
13C7 PFUnA	87.2		40 - 130	08/14/25 08:34	08/15/25 12:08	1
13C2 PFTeDA	93.3		20 - 130	08/14/25 08:34	08/15/25 12:08	1
13C3 PFBS	101		40 - 135	08/14/25 08:34	08/15/25 12:08	1
13C3 PFHxS	98.6		40 - 130	08/14/25 08:34	08/15/25 12:08	1

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Client Sample ID: SB-14/S4

Lab Sample ID: 310-313113-5

Date Collected: 08/06/25 12:15

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 91.4

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-4:2 FTS	88.8		40 - 165	08/14/25 08:34	08/15/25 12:08	1
M2-6:2 FTS	97.6		40 - 215	08/14/25 08:34	08/15/25 12:08	1
M2-8:2 FTS	89.6		40 - 275	08/14/25 08:34	08/15/25 12:08	1
13C3 HFPO-DA	95.8		40 - 130	08/14/25 08:34	08/15/25 12:08	1
13C2-PFDoDA	94.8		40 - 130	08/14/25 08:34	08/15/25 12:08	1

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	1.63	J	4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
Perfluorooctanesulfonic acid (PFOS)	1050		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
Perfluorononanesulfonic acid (PFNS)	8.69		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
Perfluorododecanesulfonic acid (PFDoS)	1.62	J	4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
Perfluorooctanesulfonamide (PFOSA)	72.1		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
N-methylperfluorooctane sulfonamide (NMeFOSA)	<1.09		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<1.09		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.48	J	4.38	1.16	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.16	J	4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<5.47		21.9	5.47	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<5.47		21.9	5.47	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<1.09		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<1.09		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20
Perfluorodecanesulfonic acid (PFDS)	8.71		4.38	1.09	ng/g	☼	08/14/25 08:34	08/16/25 13:56	20

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	101		8 - 130	08/14/25 08:34	08/16/25 13:56	20
13C5 PFPeA	101		35 - 130	08/14/25 08:34	08/16/25 13:56	20
13C5 PFHxA	96.5		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C4 PFHpA	100		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C8 PFOA	105		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C9 PFNA	97.2		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C6 PFDA	95.0		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C7 PFUnA	90.4		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C2 PFTeDA	100		20 - 130	08/14/25 08:34	08/16/25 13:56	20
13C3 PFBS	110		40 - 135	08/14/25 08:34	08/16/25 13:56	20
13C3 PFHxS	103		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C8 PFOS	94.1		40 - 130	08/14/25 08:34	08/16/25 13:56	20
13C8 PFOSA	106		40 - 130	08/14/25 08:34	08/16/25 13:56	20
d3-NMeFOSAA	118		40 - 135	08/14/25 08:34	08/16/25 13:56	20
d5-NEtFOSAA	174	*5+	40 - 150	08/14/25 08:34	08/16/25 13:56	20
M2-4:2 FTS	104		40 - 165	08/14/25 08:34	08/16/25 13:56	20

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Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-14/S4

Lab Sample ID: 310-313113-5

Date Collected: 08/06/25 12:15

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 91.4

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	100		40 - 215	08/14/25 08:34	08/16/25 13:56	20
M2-8:2 FTS	100		40 - 275	08/14/25 08:34	08/16/25 13:56	20
13C3 HFPO-DA	102		40 - 130	08/14/25 08:34	08/16/25 13:56	20
d7-N-MeFOSE-M	73.6		20 - 130	08/14/25 08:34	08/16/25 13:56	20
d9-N-EtFOSE-M	73.7		15 - 130	08/14/25 08:34	08/16/25 13:56	20
d5-NEtPFOSA	86.8		10 - 130	08/14/25 08:34	08/16/25 13:56	20
D3-NMeFOSA	86.1		10 - 130	08/14/25 08:34	08/16/25 13:56	20
13C2-PFDoDA	97.6		40 - 130	08/14/25 08:34	08/16/25 13:56	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	91.4		0.1	0.1	%			08/14/25 14:20	1
Percent Moisture (EPA Moisture)	8.6		0.1	0.1	%			08/14/25 14:20	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-1/S3

Lab Sample ID: 310-313113-6

Date Collected: 07/30/25 12:40

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<25.2		30.0	25.2	mg/Kg		08/13/25 08:25	08/14/25 19:30	1
Diesel	3000		30.0	10.2	mg/Kg		08/13/25 08:25	08/14/25 19:30	1
Waste Oil	<9.61		30.0	9.61	mg/Kg		08/13/25 08:25	08/14/25 19:30	1
Total Extractable Hydrocarbons	<10.2		45.0	10.2	mg/Kg		08/13/25 08:25	08/14/25 19:30	1
Naphthalene	4.65		3.00	3.00	mg/Kg		08/13/25 08:25	08/14/25 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	127		12 - 150				08/13/25 08:25	08/14/25 19:30	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-2/S3

Lab Sample ID: 310-313113-7

Date Collected: 07/03/25 13:05

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<30.8	H H3	36.7	30.8	mg/Kg		08/13/25 08:25	08/14/25 19:55	1
Diesel	905	H H3	36.7	12.5	mg/Kg		08/13/25 08:25	08/14/25 19:55	1
Waste Oil	<11.7	H H3	36.7	11.7	mg/Kg		08/13/25 08:25	08/14/25 19:55	1
Total Extractable Hydrocarbons	<12.5	H H3	55.1	12.5	mg/Kg		08/13/25 08:25	08/14/25 19:55	1
Naphthalene	<3.67	H H3	3.67	3.67	mg/Kg		08/13/25 08:25	08/14/25 19:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	111		12 - 150				08/13/25 08:25	08/14/25 19:55	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-3/S4

Lab Sample ID: 310-313113-8

Date Collected: 08/06/25 10:00

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<27.6		32.9	27.6	mg/Kg		08/19/25 08:07	08/21/25 05:59	1
Diesel	7090		32.9	11.2	mg/Kg		08/19/25 08:07	08/21/25 05:59	1
Waste Oil	<10.5		32.9	10.5	mg/Kg		08/19/25 08:07	08/21/25 05:59	1
Total Extractable Hydrocarbons	<11.2		49.4	11.2	mg/Kg		08/19/25 08:07	08/21/25 05:59	1
Naphthalene	11.4		3.29	3.29	mg/Kg		08/19/25 08:07	08/25/25 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane	128		12 - 150				08/19/25 08:07	08/21/25 05:59	1
<i>n</i> -Octacosane	134		12 - 150				08/19/25 08:07	08/25/25 15:01	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-4/S4

Lab Sample ID: 310-313113-9

Date Collected: 08/06/25 09:20

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<24.9		29.7	24.9	mg/Kg		08/19/25 08:07	08/21/25 06:23	1
Diesel	2520		29.7	10.1	mg/Kg		08/19/25 08:07	08/21/25 06:23	1
Waste Oil	<9.49		29.7	9.49	mg/Kg		08/19/25 08:07	08/21/25 06:23	1
Total Extractable Hydrocarbons	<10.1		44.5	10.1	mg/Kg		08/19/25 08:07	08/21/25 06:23	1
Naphthalene	<2.97		2.97	2.97	mg/Kg		08/19/25 08:07	08/25/25 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane	108		12 - 150				08/19/25 08:07	08/21/25 06:23	1
<i>n</i> -Octacosane	113		12 - 150				08/19/25 08:07	08/25/25 15:26	1

Eurofins Cedar Falls

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-6/S5

Lab Sample ID: 310-313113-10

Date Collected: 08/05/25 14:25

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<22.4		26.7	22.4	mg/Kg		08/13/25 08:25	08/14/25 20:19	1
Diesel	5210		26.7	9.07	mg/Kg		08/13/25 08:25	08/14/25 20:19	1
Waste Oil	<8.54		26.7	8.54	mg/Kg		08/13/25 08:25	08/14/25 20:19	1
Total Extractable Hydrocarbons	<9.07		40.0	9.07	mg/Kg		08/13/25 08:25	08/14/25 20:19	1
Naphthalene	8.03		2.67	2.67	mg/Kg		08/13/25 08:25	08/14/25 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane	97		12 - 150	08/13/25 08:25	08/14/25 20:19	1

Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-7/S8

Lab Sample ID: 310-313113-11

Date Collected: 08/05/25 13:30

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<19.5		23.2	19.5	mg/Kg		08/13/25 08:25	08/14/25 20:44	1
Diesel	4930		23.2	7.89	mg/Kg		08/13/25 08:25	08/14/25 20:44	1
Waste Oil	<7.42		23.2	7.42	mg/Kg		08/13/25 08:25	08/14/25 20:44	1
Total Extractable Hydrocarbons	<7.89		34.8	7.89	mg/Kg		08/13/25 08:25	08/14/25 20:44	1
Naphthalene	6.69		2.32	2.32	mg/Kg		08/13/25 08:25	08/14/25 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	123		12 - 150				08/13/25 08:25	08/14/25 20:44	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-8/S4

Lab Sample ID: 310-313113-12

Date Collected: 08/05/25 15:45

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<20.9		24.9	20.9	mg/Kg		08/13/25 08:25	08/14/25 21:08	1
Diesel	<8.47		24.9	8.47	mg/Kg		08/13/25 08:25	08/14/25 21:08	1
Waste Oil	<7.97		24.9	7.97	mg/Kg		08/13/25 08:25	08/14/25 21:08	1
Total Extractable Hydrocarbons	<8.47		37.3	8.47	mg/Kg		08/13/25 08:25	08/14/25 21:08	1
Naphthalene	<2.49		2.49	2.49	mg/Kg		08/13/25 08:25	08/14/25 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	115		12 - 150	08/13/25 08:25	08/14/25 21:08	1

Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-9/S4

Lab Sample ID: 310-313113-13

Date Collected: 08/05/25 11:30

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<24.4		29.0	24.4	mg/Kg		08/13/25 08:25	08/14/25 21:32	1
Diesel	6670		29.0	9.87	mg/Kg		08/13/25 08:25	08/14/25 21:32	1
Waste Oil	<9.29		29.0	9.29	mg/Kg		08/13/25 08:25	08/14/25 21:32	1
Total Extractable Hydrocarbons	<9.87		43.6	9.87	mg/Kg		08/13/25 08:25	08/14/25 21:32	1
Naphthalene	13.0		2.90	2.90	mg/Kg		08/13/25 08:25	08/14/25 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane	120		12 - 150	08/13/25 08:25	08/14/25 21:32	1

Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-12/S6

Lab Sample ID: 310-313113-14

Date Collected: 08/05/25 15:15

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<15.8		18.8	15.8	mg/Kg		08/13/25 08:25	08/14/25 21:57	1
Diesel	<6.40		18.8	6.40	mg/Kg		08/13/25 08:25	08/14/25 21:57	1
Waste Oil	<6.03		18.8	6.03	mg/Kg		08/13/25 08:25	08/14/25 21:57	1
Total Extractable Hydrocarbons	<6.40		28.3	6.40	mg/Kg		08/13/25 08:25	08/14/25 21:57	1
Naphthalene	<1.88		1.88	1.88	mg/Kg		08/13/25 08:25	08/14/25 21:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	112		12 - 150	08/13/25 08:25	08/14/25 21:57	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-13/S2

Lab Sample ID: 310-313113-15

Date Collected: 08/05/25 10:45

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<17.8		21.2	17.8	mg/Kg		08/13/25 08:25	08/14/25 22:21	1
Diesel	12100		21.2	7.21	mg/Kg		08/13/25 08:25	08/14/25 22:21	1
Waste Oil	<6.79		21.2	6.79	mg/Kg		08/13/25 08:25	08/14/25 22:21	1
Total Extractable Hydrocarbons	<7.21		31.8	7.21	mg/Kg		08/13/25 08:25	08/14/25 22:21	1
Naphthalene	19.3		2.12	2.12	mg/Kg		08/13/25 08:25	08/14/25 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	94		12 - 150				08/13/25 08:25	08/14/25 22:21	1

Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-15/S5

Lab Sample ID: 310-313113-16

Date Collected: 07/30/25 11:30

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<16.1		19.2	16.1	mg/Kg		08/13/25 08:25	08/14/25 22:46	1
Diesel	<6.52		19.2	6.52	mg/Kg		08/13/25 08:25	08/14/25 22:46	1
Waste Oil	<6.13		19.2	6.13	mg/Kg		08/13/25 08:25	08/14/25 22:46	1
Total Extractable Hydrocarbons	14.0	J B Z	28.7	6.52	mg/Kg		08/13/25 08:25	08/14/25 22:46	1
Naphthalene	<1.92		1.92	1.92	mg/Kg		08/13/25 08:25	08/14/25 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	70		12 - 150				08/13/25 08:25	08/14/25 22:46	1

Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-16/S6

Lab Sample ID: 310-313113-17

Date Collected: 07/30/25 10:55

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<21.9		26.1	21.9	mg/Kg		08/13/25 08:25	08/14/25 23:10	1
Diesel	<8.87		26.1	8.87	mg/Kg		08/13/25 08:25	08/14/25 23:10	1
Waste Oil	<8.35		26.1	8.35	mg/Kg		08/13/25 08:25	08/14/25 23:10	1
Total Extractable Hydrocarbons	16.7	J B Z	39.1	8.87	mg/Kg		08/13/25 08:25	08/14/25 23:10	1
Naphthalene	<2.61		2.61	2.61	mg/Kg		08/13/25 08:25	08/14/25 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	83		12 - 150	08/13/25 08:25	08/14/25 23:10	1

Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-17/S7

Lab Sample ID: 310-313113-18

Date Collected: 07/30/25 09:40

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<29.4		35.0	29.4	mg/Kg		08/13/25 08:25	08/14/25 23:34	1
Diesel	155		35.0	11.9	mg/Kg		08/13/25 08:25	08/14/25 23:34	1
Waste Oil	<11.2		35.0	11.2	mg/Kg		08/13/25 08:25	08/14/25 23:34	1
Total Extractable Hydrocarbons	<11.9		52.4	11.9	mg/Kg		08/13/25 08:25	08/14/25 23:34	1
Naphthalene	<3.50		3.50	3.50	mg/Kg		08/13/25 08:25	08/14/25 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	83		12 - 150				08/13/25 08:25	08/14/25 23:34	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-18/S7

Lab Sample ID: 310-313113-19

Date Collected: 07/30/25 10:20

Matrix: Solid

Date Received: 08/12/25 10:00

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<30.9		36.8	30.9	mg/Kg		08/13/25 08:25	08/14/25 23:59	1
Diesel	<12.5		36.8	12.5	mg/Kg		08/13/25 08:25	08/14/25 23:59	1
Waste Oil	<11.8		36.8	11.8	mg/Kg		08/13/25 08:25	08/14/25 23:59	1
Total Extractable Hydrocarbons	15.9	J B Z	55.2	12.5	mg/Kg		08/13/25 08:25	08/14/25 23:59	1
Naphthalene	<3.68		3.68	3.68	mg/Kg		08/13/25 08:25	08/14/25 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	105		12 - 150				08/13/25 08:25	08/14/25 23:59	1

Definitions/Glossary

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Job ID: 310-313113-1

SDG: P-0039055

Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Z	The chromatographic response does not resemble a typical fuel pattern.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTCN (12-150)
310-313113-6	SB-1/S3	127
310-313113-7	SB-2/S3	111
310-313113-8	SB-3/S4	128
310-313113-8	SB-3/S4	134
310-313113-9	SB-4/S4	108
310-313113-9	SB-4/S4	113
310-313113-10	SB-6/S5	97
310-313113-11	SB-7/S8	123
310-313113-12	SB-8/S4	115
310-313113-13	SB-9/S4	120
310-313113-14	SB-12/S6	112
310-313113-15	SB-13/S2	94
310-313113-16	SB-15/S5	70
310-313113-17	SB-16/S6	83
310-313113-18	SB-17/S7	83
310-313113-19	SB-18/S7	105
LCS 310-463467/2-A	Lab Control Sample	126
LCS 310-464023/2-A	Lab Control Sample	122
MB 310-463467/1-A	Method Blank	125
MB 310-464023/1-A	Method Blank	121
MB 310-464023/1-A	Method Blank	121
Surrogate Legend		
OTCN = n-Octacosane		

QC Sample Results

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Lab Sample ID: MB 310-463467/1-A

Matrix: Solid

Analysis Batch: 463636

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 463467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<8.01		9.53	8.01	mg/Kg		08/13/25 08:25	08/14/25 15:26	1
Diesel	<3.24		9.53	3.24	mg/Kg		08/13/25 08:25	08/14/25 15:26	1
Waste Oil	<3.05		9.53	3.05	mg/Kg		08/13/25 08:25	08/14/25 15:26	1
Total Extractable Hydrocarbons	3.464	J	14.3	3.24	mg/Kg		08/13/25 08:25	08/14/25 15:26	1
Naphthalene	<0.953		0.953	0.953	mg/Kg		08/13/25 08:25	08/14/25 15:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	125		12 - 150	08/13/25 08:25	08/14/25 15:26	1

Lab Sample ID: LCS 310-463467/2-A

Matrix: Solid

Analysis Batch: 463636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 463467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel	126	119.6		mg/Kg		95	54 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane	126		12 - 150

Lab Sample ID: MB 310-464023/1-A

Matrix: Solid

Analysis Batch: 464167

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 464023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<8.17		9.73	8.17	mg/Kg		08/19/25 08:07	08/20/25 21:03	1
Diesel	<3.31		9.73	3.31	mg/Kg		08/19/25 08:07	08/20/25 21:03	1
Waste Oil	<3.11		9.73	3.11	mg/Kg		08/19/25 08:07	08/20/25 21:03	1
Total Extractable Hydrocarbons	<3.31		14.6	3.31	mg/Kg		08/19/25 08:07	08/20/25 21:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	121		12 - 150	08/19/25 08:07	08/20/25 21:03	1

Lab Sample ID: MB 310-464023/1-A

Matrix: Solid

Analysis Batch: 464592

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 464023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.973		0.973	0.973	mg/Kg		08/19/25 08:07	08/25/25 14:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	121		12 - 150	08/19/25 08:07	08/25/25 14:37	1

Eurofins Cedar Falls

QC Sample Results

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC) (Continued)

Lab Sample ID: LCS 310-464023/2-A

Matrix: Solid

Analysis Batch: 464167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 464023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel	126	130.4		mg/Kg		103	54 - 121
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane	122		12 - 150				

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 240-667628/1-A

Matrix: Solid

Analysis Batch: 667736

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 667628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.100		0.400	0.100	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoropentanoic acid (PFPeA)	<0.0800		0.200	0.0800	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorohexanoic acid (PFHxA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoroheptanoic acid (PFHpA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorooctanoic acid (PFOA)	<0.110		0.200	0.110	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorononanoic acid (PFNA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorodecanoic acid (PFDA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoroundecanoic acid (PFUnA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorododecanoic acid (PFDoA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorotridecanoic acid (PFTTrDA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorobutanesulfonic acid (PFBS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorooctanesulfonic acid (PFOS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorononanesulfonic acid (PFNS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorododecanesulfonic acid (PFDoS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.100		0.400	0.100	ng/g		08/14/25 08:34	08/15/25 07:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.100		0.400	0.100	ng/g		08/14/25 08:34	08/15/25 07:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.100		0.400	0.100	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorooctanesulfonamide (PFOSA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0530		0.200	0.0530	ng/g		08/14/25 08:34	08/15/25 07:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.250		1.00	0.250	ng/g		08/14/25 08:34	08/15/25 07:26	1

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 240-667628/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 667736

Prep Batch: 667628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane	<0.250		1.00	0.250	ng/g		08/14/25 08:34	08/15/25 07:26	1
sulfonamidoethanol (NEtFOSE)									
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.100		0.400	0.100	ng/g		08/14/25 08:34	08/15/25 07:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.250		1.00	0.250	ng/g		08/14/25 08:34	08/15/25 07:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.250		1.00	0.250	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluorodecanesulfonic acid (PFDS)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0500		0.200	0.0500	ng/g		08/14/25 08:34	08/15/25 07:26	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98.8		8 - 130	08/14/25 08:34	08/15/25 07:26	1
13C5 PFPeA	98.0		35 - 130	08/14/25 08:34	08/15/25 07:26	1
13C5 PFHxA	98.9		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C4 PFHpA	100		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C8 PFOA	99.3		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C9 PFNA	93.7		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C6 PFDA	90.9		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C7 PFUnA	86.6		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C2 PFTeDA	93.2		20 - 130	08/14/25 08:34	08/15/25 07:26	1
13C3 PFBS	99.8		40 - 135	08/14/25 08:34	08/15/25 07:26	1
13C3 PFHxS	98.0		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C8 PFOS	88.9		40 - 130	08/14/25 08:34	08/15/25 07:26	1
13C8 PFOSA	84.9		40 - 130	08/14/25 08:34	08/15/25 07:26	1
d3-NMeFOSAA	93.7		40 - 135	08/14/25 08:34	08/15/25 07:26	1
d5-NEtFOSAA	86.8		40 - 150	08/14/25 08:34	08/15/25 07:26	1
M2-4:2 FTS	89.5		40 - 165	08/14/25 08:34	08/15/25 07:26	1
M2-6:2 FTS	98.7		40 - 215	08/14/25 08:34	08/15/25 07:26	1
M2-8:2 FTS	93.7		40 - 275	08/14/25 08:34	08/15/25 07:26	1
13C3 HFPO-DA	96.3		40 - 130	08/14/25 08:34	08/15/25 07:26	1
d7-N-MeFOSE-M	74.9		20 - 130	08/14/25 08:34	08/15/25 07:26	1
d9-N-EtFOSE-M	76.1		15 - 130	08/14/25 08:34	08/15/25 07:26	1
d5-NEtPFOSA	76.9		10 - 130	08/14/25 08:34	08/15/25 07:26	1
D3-NMeFOSA	76.4		10 - 130	08/14/25 08:34	08/15/25 07:26	1
13C2-PFDoDA	94.5		40 - 130	08/14/25 08:34	08/15/25 07:26	1

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-667628/3-A

Matrix: Solid

Analysis Batch: 667736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 667628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.772		ng/g		115	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.905		ng/g		116	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.578		ng/g		103	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.338		ng/g		94	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.635		ng/g		105	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.729		ng/g		109	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	3.178		ng/g		127	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.918		ng/g		117	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.580		ng/g		103	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.651		ng/g		106	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.652		ng/g		106	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.079		ng/g		94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.123		ng/g		90	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.111		ng/g		93	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.220		ng/g		93	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.915		ng/g		125	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.708		ng/g		113	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.531		ng/g		104	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	5.068		ng/g		108	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.868		ng/g		102	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	5.306		ng/g		111	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.802		ng/g		112	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.601		ng/g		104	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.698		ng/g		108	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.802		ng/g		112	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.764		ng/g		111	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	13.94		ng/g		112	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.73		ng/g		110	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	2.053		ng/g		110	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.733		ng/g		116	70 - 160

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QC Sample Results

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-667628/3-A

Matrix: Solid

Analysis Batch: 667736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 667628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.745		ng/g		110	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.615		ng/g		105	60 - 155
9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.749		ng/g		118	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.483		ng/g		105	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	2.23	2.382		ng/g		107	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	5.262		ng/g		105	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	12.52		ng/g		100	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	13.21		ng/g		106	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.41	2.561		ng/g		106	40 - 155
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.670		ng/g		107	30 - 140

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	102		8 - 130
13C5 PFPeA	98.6		35 - 130
13C5 PFHxA	102		40 - 130
13C4 PFHpA	103		40 - 130
13C8 PFOA	105		40 - 130
13C9 PFNA	99.3		40 - 130
13C6 PFDA	94.6		40 - 130
13C7 PFUnA	90.7		40 - 130
13C2 PFTeDA	97.7		20 - 130
13C3 PFBS	103		40 - 135
13C3 PFHxS	102		40 - 130
13C8 PFOS	92.5		40 - 130
13C8 PFOSA	87.8		40 - 130
d3-NMeFOSAA	97.0		40 - 135
d5-NEtFOSAA	88.1		40 - 150
M2-4:2 FTS	91.0		40 - 165
M2-6:2 FTS	102		40 - 215
M2-8:2 FTS	95.3		40 - 275
13C3 HFPO-DA	98.9		40 - 130
d7-N-MeFOSE-M	70.7		20 - 130
d9-N-EtFOSE-M	68.6		15 - 130
d5-NEtPFOSA	78.2		10 - 130
D3-NMeFOSA	81.1		10 - 130
13C2-PFDoDA	99.3		40 - 130

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-667628/2-A

Matrix: Solid

Analysis Batch: 667736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 667628

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.5451		ng/g		109	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.2701		ng/g		108	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.2688		ng/g		108	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.2230		ng/g		89	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.2537		ng/g		101	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.2616		ng/g		105	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.3095		ng/g		124	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.2854		ng/g		114	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.2521		ng/g		101	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.2550		ng/g		102	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.2620		ng/g		105	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.1886	J	ng/g		85	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.2010		ng/g		86	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.2105		ng/g		92	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.2064		ng/g		87	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.2913		ng/g		125	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.2555		ng/g		106	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.2457		ng/g		101	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.4701		ng/g		100	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.4458		ng/g		94	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.5137		ng/g		107	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.2638		ng/g		106	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.2679		ng/g		107	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.2525		ng/g		101	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.2751		ng/g		110	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.2654		ng/g		106	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.363		ng/g		109	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.344		ng/g		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.2060		ng/g		110	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.2638		ng/g		112	70 - 160

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QC Sample Results

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-667628/2-A

Matrix: Solid

Analysis Batch: 667736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 667628

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.2579		ng/g		103	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.2647		ng/g		106	60 - 155
9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.2589		ng/g		111	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.2344		ng/g		99	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	0.223	0.2269		ng/g		102	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.4821		ng/g		96	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.242		ng/g		99	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.250		ng/g		100	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.241	0.2493		ng/g		103	40 - 155
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.2440		ng/g		98	30 - 140

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	103		8 - 130
13C5 PFPeA	97.7		35 - 130
13C5 PFHxA	97.9		40 - 130
13C4 PFHpA	97.9		40 - 130
13C8 PFOA	101		40 - 130
13C9 PFNA	96.6		40 - 130
13C6 PFDA	92.2		40 - 130
13C7 PFUnA	90.4		40 - 130
13C2 PFTeDA	95.7		20 - 130
13C3 PFBS	104		40 - 135
13C3 PFHxS	101		40 - 130
13C8 PFOS	90.8		40 - 130
13C8 PFOSA	87.7		40 - 130
d3-NMeFOSAA	95.2		40 - 135
d5-NEtFOSAA	87.2		40 - 150
M2-4:2 FTS	92.3		40 - 165
M2-6:2 FTS	106		40 - 215
M2-8:2 FTS	96.3		40 - 275
13C3 HFPO-DA	95.3		40 - 130
d7-N-MeFOSE-M	54.0		20 - 130
d9-N-EtFOSE-M	50.8		15 - 130
d5-NEtPFOSA	75.9		10 - 130
D3-NMeFOSA	77.9		10 - 130
13C2-PFDoDA	99.1		40 - 130

Eurofins Cedar Falls

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Method: Moisture - Percent Moisture

Lab Sample ID: 310-313113-5 DU				Client Sample ID: SB-14/S4			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 667715							
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD Limit
Percent Solids	91.4		90.0		%		1 20
Percent Moisture	8.6		10		%		14 20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

QC Association Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

GC Semi VOA

Prep Batch: 463467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-6	SB-1/S3	Total/NA	Solid	3546	
310-313113-7	SB-2/S3	Total/NA	Solid	3546	
310-313113-10	SB-6/S5	Total/NA	Solid	3546	
310-313113-11	SB-7/S8	Total/NA	Solid	3546	
310-313113-12	SB-8/S4	Total/NA	Solid	3546	
310-313113-13	SB-9/S4	Total/NA	Solid	3546	
310-313113-14	SB-12/S6	Total/NA	Solid	3546	
310-313113-15	SB-13/S2	Total/NA	Solid	3546	
310-313113-16	SB-15/S5	Total/NA	Solid	3546	
310-313113-17	SB-16/S6	Total/NA	Solid	3546	
310-313113-18	SB-17/S7	Total/NA	Solid	3546	
310-313113-19	SB-18/S7	Total/NA	Solid	3546	
MB 310-463467/1-A	Method Blank	Total/NA	Solid	3546	
LCS 310-463467/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 463636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-6	SB-1/S3	Total/NA	Solid	OA-2	463467
310-313113-7	SB-2/S3	Total/NA	Solid	OA-2	463467
310-313113-10	SB-6/S5	Total/NA	Solid	OA-2	463467
310-313113-11	SB-7/S8	Total/NA	Solid	OA-2	463467
310-313113-12	SB-8/S4	Total/NA	Solid	OA-2	463467
310-313113-13	SB-9/S4	Total/NA	Solid	OA-2	463467
310-313113-14	SB-12/S6	Total/NA	Solid	OA-2	463467
310-313113-15	SB-13/S2	Total/NA	Solid	OA-2	463467
310-313113-16	SB-15/S5	Total/NA	Solid	OA-2	463467
310-313113-17	SB-16/S6	Total/NA	Solid	OA-2	463467
310-313113-18	SB-17/S7	Total/NA	Solid	OA-2	463467
310-313113-19	SB-18/S7	Total/NA	Solid	OA-2	463467
MB 310-463467/1-A	Method Blank	Total/NA	Solid	OA-2	463467
LCS 310-463467/2-A	Lab Control Sample	Total/NA	Solid	OA-2	463467

Prep Batch: 464023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-8	SB-3/S4	Total/NA	Solid	3546	
310-313113-9	SB-4/S4	Total/NA	Solid	3546	
MB 310-464023/1-A	Method Blank	Total/NA	Solid	3546	
LCS 310-464023/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 464167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-8	SB-3/S4	Total/NA	Solid	OA-2	464023
310-313113-9	SB-4/S4	Total/NA	Solid	OA-2	464023
MB 310-464023/1-A	Method Blank	Total/NA	Solid	OA-2	464023
LCS 310-464023/2-A	Lab Control Sample	Total/NA	Solid	OA-2	464023

Analysis Batch: 464592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-8	SB-3/S4	Total/NA	Solid	OA-2	464023
310-313113-9	SB-4/S4	Total/NA	Solid	OA-2	464023
MB 310-464023/1-A	Method Blank	Total/NA	Solid	OA-2	464023

Eurofins Cedar Falls

QC Association Summary

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

LCMS

Prep Batch: 667628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-1	SB-11/S2	Total/NA	Solid	1633 Shake	
310-313113-1 - DL	SB-11/S2	Total/NA	Solid	1633 Shake	
310-313113-2	SB-11/S4	Total/NA	Solid	1633 Shake	
310-313113-3	SB-11/S8	Total/NA	Solid	1633 Shake	
310-313113-4	SB-14/S2	Total/NA	Solid	1633 Shake	
310-313113-4 - DL	SB-14/S2	Total/NA	Solid	1633 Shake	
310-313113-5	SB-14/S4	Total/NA	Solid	1633 Shake	
310-313113-5 - DL	SB-14/S4	Total/NA	Solid	1633 Shake	
MB 240-667628/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 240-667628/3-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LLCS 240-667628/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 667736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-1	SB-11/S2	Total/NA	Solid	1633	667628
310-313113-2	SB-11/S4	Total/NA	Solid	1633	667628
310-313113-3	SB-11/S8	Total/NA	Solid	1633	667628
310-313113-4	SB-14/S2	Total/NA	Solid	1633	667628
310-313113-5	SB-14/S4	Total/NA	Solid	1633	667628
MB 240-667628/1-A	Method Blank	Total/NA	Solid	1633	667628
LCS 240-667628/3-A	Lab Control Sample	Total/NA	Solid	1633	667628
LLCS 240-667628/2-A	Lab Control Sample	Total/NA	Solid	1633	667628

Analysis Batch: 667925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-1 - DL	SB-11/S2	Total/NA	Solid	1633	667628
310-313113-4 - DL	SB-14/S2	Total/NA	Solid	1633	667628
310-313113-5 - DL	SB-14/S4	Total/NA	Solid	1633	667628

General Chemistry

Analysis Batch: 667715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313113-1	SB-11/S2	Total/NA	Solid	Moisture	
310-313113-2	SB-11/S4	Total/NA	Solid	Moisture	
310-313113-3	SB-11/S8	Total/NA	Solid	Moisture	
310-313113-4	SB-14/S2	Total/NA	Solid	Moisture	
310-313113-5	SB-14/S4	Total/NA	Solid	Moisture	
310-313113-5 DU	SB-14/S4	Total/NA	Solid	Moisture	

Lab Chronicle

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-11/S2

Lab Sample ID: 310-313113-1

Date Collected: 08/06/25 11:10

Matrix: Solid

Date Received: 08/12/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	667715	AAP	EET CLE	08/14/25 14:20

Client Sample ID: SB-11/S2

Lab Sample ID: 310-313113-1

Date Collected: 08/06/25 11:10

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633		1	667736	DSH	EET CLE	08/15/25 11:02
Total/NA	Prep	1633 Shake	DL		667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633	DL	20	667925	LD	EET CLE	08/16/25 13:23

Client Sample ID: SB-11/S4

Lab Sample ID: 310-313113-2

Date Collected: 08/06/25 11:15

Matrix: Solid

Date Received: 08/12/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	667715	AAP	EET CLE	08/14/25 14:20

Client Sample ID: SB-11/S4

Lab Sample ID: 310-313113-2

Date Collected: 08/06/25 11:15

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633		1	667736	DSH	EET CLE	08/15/25 11:18

Client Sample ID: SB-11/S8

Lab Sample ID: 310-313113-3

Date Collected: 08/06/25 11:30

Matrix: Solid

Date Received: 08/12/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	667715	AAP	EET CLE	08/14/25 14:20

Client Sample ID: SB-11/S8

Lab Sample ID: 310-313113-3

Date Collected: 08/06/25 11:30

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633		1	667736	DSH	EET CLE	08/15/25 11:35

Eurofins Cedar Falls

Lab Chronicle

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-14/S2

Lab Sample ID: 310-313113-4

Date Collected: 08/06/25 12:05

Matrix: Solid

Date Received: 08/12/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	667715	AAP	EET CLE	08/14/25 14:20

Client Sample ID: SB-14/S2

Lab Sample ID: 310-313113-4

Date Collected: 08/06/25 12:05

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633		1	667736	DSH	EET CLE	08/15/25 11:51
Total/NA	Prep	1633 Shake	DL		667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633	DL	50	667925	LD	EET CLE	08/16/25 13:39

Client Sample ID: SB-14/S4

Lab Sample ID: 310-313113-5

Date Collected: 08/06/25 12:15

Matrix: Solid

Date Received: 08/12/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	667715	AAP	EET CLE	08/14/25 14:20

Client Sample ID: SB-14/S4

Lab Sample ID: 310-313113-5

Date Collected: 08/06/25 12:15

Matrix: Solid

Date Received: 08/12/25 10:00

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633		1	667736	DSH	EET CLE	08/15/25 12:08
Total/NA	Prep	1633 Shake	DL		667628	JVB4	EET CLE	08/14/25 08:34
Total/NA	Analysis	1633	DL	20	667925	LD	EET CLE	08/16/25 13:56

Client Sample ID: SB-1/S3

Lab Sample ID: 310-313113-6

Date Collected: 07/30/25 12:40

Matrix: Solid

Date Received: 08/12/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 19:30

Client Sample ID: SB-2/S3

Lab Sample ID: 310-313113-7

Date Collected: 07/03/25 13:05

Matrix: Solid

Date Received: 08/12/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 19:55

Eurofins Cedar Falls

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

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Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-3/S4

Date Collected: 08/06/25 10:00

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			464023	BDJ4	EET CF	08/19/25 08:07
Total/NA	Analysis	OA-2		1	464167	C3AA	EET CF	08/21/25 05:59
Total/NA	Prep	3546			464023	BDJ4	EET CF	08/19/25 08:07
Total/NA	Analysis	OA-2		1	464592	C3AA	EET CF	08/25/25 15:01

Client Sample ID: SB-4/S4

Date Collected: 08/06/25 09:20

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			464023	BDJ4	EET CF	08/19/25 08:07
Total/NA	Analysis	OA-2		1	464167	C3AA	EET CF	08/21/25 06:23
Total/NA	Prep	3546			464023	BDJ4	EET CF	08/19/25 08:07
Total/NA	Analysis	OA-2		1	464592	C3AA	EET CF	08/25/25 15:26

Client Sample ID: SB-6/S5

Date Collected: 08/05/25 14:25

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 20:19

Client Sample ID: SB-7/S8

Date Collected: 08/05/25 13:30

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 20:44

Client Sample ID: SB-8/S4

Date Collected: 08/05/25 15:45

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 21:08

Client Sample ID: SB-9/S4

Date Collected: 08/05/25 11:30

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 21:32

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

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Job ID: 310-313113-1
SDG: P-0039055

Client Sample ID: SB-12/S6

Date Collected: 08/05/25 15:15

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 21:57

Client Sample ID: SB-13/S2

Date Collected: 08/05/25 10:45

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 22:21

Client Sample ID: SB-15/S5

Date Collected: 07/30/25 11:30

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 22:46

Client Sample ID: SB-16/S6

Date Collected: 07/30/25 10:55

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 23:10

Client Sample ID: SB-17/S7

Date Collected: 07/30/25 09:40

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 23:34

Client Sample ID: SB-18/S7

Date Collected: 07/30/25 10:20

Date Received: 08/12/25 10:00

Lab Sample ID: 310-313113-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			463467	BDJ4	EET CF	08/13/25 08:25
Total/NA	Analysis	OA-2		1	463636	C3AA	EET CF	08/14/25 23:59

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Laboratory: Eurofins Cedar Falls

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-25
Georgia	State	IA100001 (OR)	09-29-25
Illinois	NELAP	200024	11-30-25
Iowa	State	007	12-01-25
Kansas	NELAP	E-10341	01-31-26
Minnesota	NELAP	019-999-319	12-31-25
Minnesota (Petrofund)	State	3349	01-18-26
North Dakota	State	R-186	09-29-24 *
Oregon	NELAP	IA100001	09-29-25

Laboratory: Eurofins Cleveland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	039-999-348	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cedar Falls

Method Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313113-1

SDG: P-0039055

Method	Method Description	Protocol	Laboratory
OA-2	Iowa - Extractable Petroleum Hydrocarbons (GC)	Iowa DNR	EET CF
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
1633 Shake	Shake Extraction with SPE	EPA	EET CLE
3546	Microwave Extraction	SW846	EET CF

Protocol References:

EPA = US Environmental Protection Agency

Iowa DNR = Iowa Department of Natural Resources

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Environment Testing
America

310-313113 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client <u>American Engineering Testing</u>			
City/State	CITY <u>Rapid City</u>	STATE <u>SD</u>	Project
Receipt Information			
Date/Time Received	DATE <u>08/12/25</u>	TIME <u>1000</u>	Received By <u>ES</u>
Delivery Type. ☐ UPS ☒ FedEx <u>Express</u> ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		☒ Yes ☐ No	If yes: Cooler ID <u>8/12/25</u>
Multiple Coolers?		☒ Yes ☒ No	If yes: Cooler # <u>1 of 2</u>
Cooler Custody Seals Present?		☒ Yes ☐ No	If yes: Cooler custody seals intact? ☒ Yes ☐ No
Sample Custody Seals Present?		☐ Yes ☒ No	If yes: Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?		☐ Yes ☒ No	If yes. Which VOA samples are in cooler? ↓
Temperature Record			
Coolant. ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other _____ ☐ NONE			
Thermometer ID: <u>2</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C) <u>1.6</u>		Corrected Temp (°C) <u>1.6</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1		CONTAINER 2
Uncorrected Temp (°C).			
Corrected Temp (°C).			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No a) If yes: Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No			
NOTE If yes, contact PM before proceeding If no, proceed with login			
Additional Comments			

cord
Eurofins Duluth SC 269

Client Information		Sampler R. Prann		Lab PM: Bindert, Zach T		Carrier Tracking No(s)		COC No: 310-109170-29020 1																					
Client Contact: Robert Prann		Phone: 605 484 6886		E-Mail: Zach.Bindert@et.eurofinsus.com		State of Origin:		Page: Page 1 of 3																					
Company: American Engineering Testing Inc.		PWSID:		Analysis Requested						Job #: P-0039055																			
Address: 1745 Samco Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) Moisture - Local Method 1633_Final - 1633 Standard List 40 OA2 - OA2 Standard + Naphthalene TCLP RCRA Metals 6010D, 7470A Total Number of containers						Preservation Codes																			
City: Rapid City		TAT Requested (days)								N - None																			
State, Zip: SD 57702		Compliance Project: ☐ Yes ☐ No																											
Phone: 605-484-6886(Tel)		PO #: Purchase Order not required																											
Email: rprann@teamAET.com		WO #: P-0039055																											
Project Name: Rapid City SD - PFAS		Project #: 31019366								Other:																			
Site:		SSOW#:																											
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Moisture - Local Method		1633_Final - 1633 Standard List 40		OA2 - OA2 Standard + Naphthalene		TCLP RCRA Metals 6010D, 7470A		Total Number of containers		Special Instructions/Note					
						Preservation Code:																							
SB-11/S2		8/6/25		11:10		G		S		N		X		X															
SB-11/S4		8/6/25		11:15		G		S		N		X		X															
SB-11/S8		8/6/25		11:30		G		S		N		X		X															
SB-14/S2		8/6/25		12:05		G		S		N		X		X															
SB-14/S4		8/6/25		12:15		G		S		N		X		X															
SB-1/S3		7/30/25		12:40		G		S		N								X											
SB-2/S3		7/30/25		13:05		G		S		N								X											
SB-3/S4		8/6/25		10:00		G		S		N								X											
SB-3/S10		8/6/25		10:00		G		S		N								X											
SB-4/S4		8/6/25		09:20		G		S		N								X											
SB-6/S5		8/5/25		14:25		G		S		N								X											
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																			
Deliverable Requested I, II III IV Other (specify)										Special Instructions/QC Requirements																			
Empty Kit Relinquished by:					Date:					Time					Method of Shipment:														
Relinquished by: [Signature]					Date/Time: 8/11/25					Company: AET					Received by:					Date/Time:					Company:				
Relinquished by:					Date/Time:					Company:					Received by:					Date/Time:					Company:				
Relinquished by:					Date/Time:					Company:					Received by: ES					Date/Time: 8/12/25 1000					Company: EET				
Custody Seals Intact: ☐ Yes ☐ No					Custody Seal No					Cooler Temperature(s) °C and Other Remarks:																			

cord
Eurofins Duluth SC 269

Ver 05/06/2024

Ver: 10/10/2024 8/26/2025

Eurofins - Cleveland Sample Receipt Form/Narrative				Login # : _____	
Barberton Facility		Client <u>Eurofins Cedar Falls</u>		Site Name _____	
Cooler Received on <u>8/13/25</u>		Opened on <u>8/13/25</u>		Cooler unpacked by: <u>JMOROSKO</u>	
FedEx 1 st Grd ☒ Exp ☐ UPS ☐ FAS ☐ Waypoint ☐		Client Drop Off ☐ Eurofins Courier ☐ Other ☐		Receipt After-hours ☐ Drop-off Date/Time _____	
Eurofins Cooler # <u>EC</u>		Foam Box ☐ Client Cooler ☐ Box ☐ Other ☐		Storage Location _____	
Packing material used. <u>Bubble Wrap</u>		Foam ☐ Plastic Bag ☐ None ☐ Other ☐		COOLANT <u>Wet Ice</u> Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐	
1 Cooler temperature upon receipt		☐ See Multiple Cooler Form			
IR GUN # <u>13</u>		(CF <u>+0.5</u> °C)		Observed Cooler Temp. <u>5.3</u> °C Corrected Cooler Temp <u>5.8</u> °C	
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>		☒ Yes ☐ No		Tests that are not checked for pH by Receiving VOAs Oil and Grease TOC	
-Were the seals on the outside of the cooler(s) signed & dated?		☒ Yes ☐ No NA			
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?		☒ Yes ☐ No NA			
-Were tamper/custody seals intact and uncompromised?		☒ Yes ☐ No NA			
3 Shippers' packing slip attached to the cooler(s)?		☒ Yes ☐ No			
4 Did custody papers accompany the sample(s)?		☒ Yes ☐ No			
5 Were the custody papers relinquished & signed in the appropriate place?		☒ Yes ☐ No			
6 Was/were the person(s) who collected the samples clearly identified on the COC?		☒ Yes ☐ No			
7 Did all bottles arrive in good condition (Unbroken)?		☒ Yes ☐ No			
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?		☒ Yes ☐ No			
9 For each sample, does the COC specify preservatives (Y/N) # of containers (Y/N), and sample type of grab/comp (Y/N)?		☒ Yes ☐ No			
10 Were correct bottle(s) used for the test(s) indicated?		☒ Yes ☐ No			
11 Sufficient quantity received to perform indicated analyses?		☒ Yes ☐ No			
12. Are these work share samples and all listed on the COC?		☒ Yes ☐ No			
If yes, Questions 13-17 have been checked at the originating laboratory					
13 Were all preserved sample(s) at the correct pH upon receipt?		☒ Yes ☐ No NA		pH Strip Lot# HC463162	
14 Were VOAs on the COC?		☒ Yes ☐ No			
15 Were air bubbles >6 mm in any VOA vials? ☒ Larger than this		☒ Yes ☐ No NA			
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____		☒ Yes ☐ No			
17 Was a LL Hg or Me Hg trip blank present? _____		☒ Yes ☐ No			
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____					
Concerning _____					

18 CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page		Labeled by _____
		Labels Verified by _____
_____ _____ _____ _____		
19 SAMPLE CONDITION		
Sample(s) _____ were received after the recommended holding time had expired		
Sample(s) _____ were received in a broken container		
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)		
20. SAMPLE PRESERVATION		
Sample(s) _____ were further preserved in the laboratory		
Time preserved _____ Preservative(s) added/Lot number(s) _____		
VOA Sample Preservation - Date/Time VOAs Frozen _____		

Ver: 10/10/2024
8/26/2025

Eurofins - Cleveland Sample Receipt Form/Narrative

Login # _____

Barborton Facility

Client Eurofins Cedar Falls

Site Name _____

Cooler unpacked by

Cooler Received on 8/13/25Opened on 8/13/25JMOROSKOFedEx: 1st Grd ☒ Exp ☐ UPS ☐ FAS ☐ Waypoint ☐ Client Drop Off ☐ Eurofins Courier ☐ Other ☐Receipt After-hours ☐ Drop-off Date/Time _____

Storage Location _____

Eurofins Cooler # EC Foam Box ☐ Client Cooler ☐ Box ☐ Other ☐Packing material used. Bubble Wrap ☒ Foam ☐ Plastic Bag ☐ None ☐ Other ☐COOLANT Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

1 Cooler temperature upon receipt

☐ See Multiple Cooler FormIR GUN # 13 (CF +0.5 °C) Observed Cooler Temp. 5.3 °C Corrected Cooler Temp 5.8 °C2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1

-Were the seals on the outside of the cooler(s) signed & dated?

-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?

-Were tamper/custody seals intact and uncompromised?

Yes No

Yes No NA

Yes No NA

Yes No NA

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Tests that are not
checked for pH by
ReceivingVOAs
Oil and Grease
TOC

3 Shippers' packing slip attached to the cooler(s)?

4. Did custody papers accompany the sample(s)?

5 Were the custody papers relinquished & signed in the appropriate place?

6 Was/were the person(s) who collected the samples clearly identified on the COC?

7 Did all bottles arrive in good condition (Unbroken)?

8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?

9 For each sample, does the COC specify preservatives (Y/N) # of containers (Y/N), and sample type of grab/comp (Y/N)?

10 Were correct bottle(s) used for the test(s) indicated?

11 Sufficient quantity received to perform indicated analyses?

12 Are these work share samples and all listed on the COC?

If yes, Questions 13-17 have been checked at the originating laboratory

13 Were all preserved sample(s) at the correct pH upon receipt?

14 Were VOAs on the COC?

15 Were air bubbles >6 mm in any VOA vials? ☒ Larger than this.

16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____

17 Was a LL Hg or Me Hg trip blank present? _____

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by _____

Labels Verified by _____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20 SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

ORIGIN ID ALOR (312) 27-2401
SAMPLE RECEIVING
EUROFINS TESTAMERICA
3019 VENTURE WAY

SHIP DATE 12A
ACTUAT 19 40 LL
CAD 0870970/CAPL

TRKH
[0201] 4085 8621 6430

WED - 13 AUG 10:30A
PRIORITY OVERNIGHT

NS CAKA

44203
OH-US CLE

Login Sample Receipt Checklist

Client: American Engineering Testing Inc.

Job Number: 310-313113-1

SDG Number: P-0039055

Login Number: 313113

List Number: 1

Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Exhibit MLL-4

Page 462 of 500

Client: American Engineering Testing Inc.

Job ID: 310-313113-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
310-313113-1	SB-11/S2	98.5	95.1	95.5	96.5	95.5	92.0	91.7	86.3
310-313113-1 - DL	SB-11/S2	99.6	101	102	98.1	103	95.4	93.6	89.4
310-313113-2	SB-11/S4	95.4	93.8	94.4	96.0	96.5	92.5	87.4	81.4
310-313113-3	SB-11/S8	89.9	87.3	91.9	89.8	93.7	89.6	85.7	81.0
310-313113-4	SB-14/S2	95.8	95.3	93.6	95.6	97.6	92.5	89.3	84.9
310-313113-4 - DL	SB-14/S2	97.6	102	93.7	95.8	104	92.9	84.4	81.9
310-313113-5	SB-14/S4	101	98.4	100	97.0	100	96.2	93.1	87.2
310-313113-5 - DL	SB-14/S4	101	101	96.5	100	105	97.2	95.0	90.4
LCS 240-667628/3-A	Lab Control Sample	102	98.6	102	103	105	99.3	94.6	90.7
LLCS 240-667628/2-A	Lab Control Sample	103	97.7	97.9	97.9	101	96.6	92.2	90.4
MB 240-667628/1-A	Method Blank	98.8	98.0	98.9	100	99.3	93.7	90.9	86.6
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
310-313113-1	SB-11/S2	88.8	98.7	95.2					85.6
310-313113-1 - DL	SB-11/S2	91.5	103	103	96.1	103	107	151 *5+	104
310-313113-2	SB-11/S4	76.8	93.6	92.4	87.0	116	106	93.7	78.8
310-313113-3	SB-11/S8	80.1	91.9	89.9	85.7	97.3	89.9	82.0	75.8
310-313113-4	SB-14/S2	88.8	133	90.6					120
310-313113-4 - DL	SB-14/S2	90.3	95.0	90.9	90.1	95.1	96.7	155 *5+	89.8
310-313113-5	SB-14/S4	93.3	101	98.6					88.8
310-313113-5 - DL	SB-14/S4	100	110	103	94.1	106	118	174 *5+	104
LCS 240-667628/3-A	Lab Control Sample	97.7	103	102	92.5	87.8	97.0	88.1	91.0
LLCS 240-667628/2-A	Lab Control Sample	95.7	104	101	90.8	87.7	95.2	87.2	92.3
MB 240-667628/1-A	Method Blank	93.2	99.8	98.0	88.9	84.9	93.7	86.8	89.5
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDODA (40-130)
310-313113-1	SB-11/S2	94.0	89.4	94.0					93.3
310-313113-1 - DL	SB-11/S2	107	104	96.4	64.9	65.6	94.2	94.1	91.1
310-313113-2	SB-11/S4	90.1	84.5	92.8	64.6	61.9	104	107	85.9
310-313113-3	SB-11/S8	89.0	82.2	88.4	58.8	54.0	87.2	90.5	85.1
310-313113-4	SB-14/S2	92.7	124	99.0					87.9
310-313113-4 - DL	SB-14/S2	94.9	93.8	93.8	57.3	65.7	83.2	89.2	86.6
310-313113-5	SB-14/S4	97.6	89.6	95.8					94.8
310-313113-5 - DL	SB-14/S4	100	100	102	73.6	73.7	86.8	86.1	97.6
LCS 240-667628/3-A	Lab Control Sample	102	95.3	98.9	70.7	68.6	78.2	81.1	99.3
LLCS 240-667628/2-A	Lab Control Sample	106	96.3	95.3	54.0	50.8	75.9	77.9	99.1
MB 240-667628/1-A	Method Blank	98.7	93.7	96.3	74.9	76.1	76.9	76.4	94.5

Surrogate Legend

PFBA = 13C4 PFBA

PFPeA = 13C5 PFPeA

13C5PHA = 13C5 PFHxA

C4PFHA = 13C4 PFHpA

C8PFOA = 13C8 PFOA

C9PFNA = 13C9 PFNA

C6PFDA = 13C6 PFDA

13C7PUA = 13C7 PFUnA

Eurofins Cedar Falls

Isotope Dilution Summary

Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

- PFTDA = 13C2 PFTeDA
- C3PFBS = 13C3 PFBS
- C3PFHS = 13C3 PFHxS
- C8PFOS = 13C8 PFOS
- PFOSA = 13C8 PFOSA
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- M242FTS = M2-4:2 FTS
- M262FTS = M2-6:2 FTS
- M282FTS = M2-8:2 FTS
- HFPODA = 13C3 HFPO-DA
- NMFM = d7-N-MeFOSE-M
- NEFM = d9-N-EtFOSE-M
- d5NPFSA = d5-NEtPFOSA
- d3NMFSA = D3-NMeFOSA
- PFDoDA = 13C2-PFDoDA

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert A Prann
American Engineering Testing Inc.
1745 Samco Road
Rapid City, South Dakota 57702

Generated 8/27/2025 2:33:16 PM

JOB DESCRIPTION

Rapid City SD - PFAS
P-0039055

JOB NUMBER

310-313211-1

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
8/27/2025 2:33:16 PM

Authorized for release by
Zach Bindert, Senior Project Manager
Zach.Bindert@et.eurofinsus.com
(319)595-2016

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Case Narrative

Client: American Engineering Testing Inc.
Project: Rapid City SD - PFAS

Exhibit MLL-4
Page 467 of 500
Job ID: 310-313211-1

Job ID: 310-313211-1

Eurofins Cedar Falls

Job Narrative 310-313211-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/13/2025 9:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.8°C.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS

Method 1633_Final: The continuing calibration verification (CCV) recovered outside of control limits for IDA compound d3-NMeFOSAA. Section 14.3.3 of the finalized EPA 1633 states that the recovery of target analytes for the CCV must be within 70 - 130%, unless the analyte is not of concern for a given project. Since target analyte associated with this IDA are within spec, data is reported. The following sample is impacted: SB-11 (310-313211-5).

Method 1633_Final: Internal Standard (IS) recovery was outside the method recommended limit for the following sample: SB-11 (310-313211-5). Since this was likely due to matrix effects, sample was analyzed at a dilution and may have elevated RLs.

Method 1633_Final: The continuing calibration verification (CCV) recovered outside of control limits for IDA compound(s) (flagged). Section 14.3.3 of the finalized EPA 1633 states that the recovery of target analytes for the CCV must be within 70 - 130%, unless the analyte is not of concern for a given project. Since target analyte(s) associated with this IDA are within spec, data is reported. The following sample is impacted: SB-11 (310-313211-5).

Method 1633_Final: Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following sample: SB-11 (310-313211-5). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method 1633_Final: The concentration(s) of PFOS in the following sample exceeded the calibration range of the instrument: SB-11 (310-313211-5). Re-extraction at a dilution performed. Laboratory proceeded with re-analysis.

Method 1633_Final: The low level laboratory control sample (LLCS) for preparation batch 240-668504 and analytical batch 240-668469 recovered outside control limits for the following analytes: N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE). These analytes were biased high in the LLCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Cedar Falls

Sample Summary

Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Exhibit MLL-4
Page 468 of 500
Job ID: 310-313211-1
SDG: P-0039055

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-313211-1	MW	Water	08/08/25 10:20	08/13/25 09:20	South Dakota
310-313211-2	SB-4	Water	08/07/25 14:40	08/13/25 09:20	South Dakota
310-313211-3	SB-9	Water	08/07/25 11:40	08/13/25 09:20	South Dakota
310-313211-4	SB-16	Water	08/07/25 10:15	08/13/25 09:20	South Dakota
310-313211-5	SB-11	Water	08/08/25 09:15	08/13/25 09:20	South Dakota

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Detection Summary

Exhibit MLL-4

Page 469 of 500

Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1

SDG: P-0039055

Client Sample ID: MW

Lab Sample ID: 310-313211-1

No Detections.

Client Sample ID: SB-4

Lab Sample ID: 310-313211-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	71300		300	240	ug/L	1		OA-2	Total/NA
Naphthalene	351		20.0	20.0	ug/L	1		OA-2	Total/NA

Client Sample ID: SB-9

Lab Sample ID: 310-313211-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	106000		1530	1220	ug/L	5		OA-2	Total/NA
Naphthalene	336		102	102	ug/L	5		OA-2	Total/NA

Client Sample ID: SB-16

Lab Sample ID: 310-313211-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Extractable Hydrocarbons	360	J Z	500	240	ug/L	1		OA-2	Total/NA

Client Sample ID: SB-11

Lab Sample ID: 310-313211-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	423		3.61	0.903	ng/L	1		1633	Total/NA
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.456	J	1.81	0.451	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	287		1.81	0.460	ng/L	1		1633	Total/NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.84		1.81	0.451	ng/L	1		1633	Total/NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.01		1.81	0.451	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	75.4		1.81	0.451	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	807		1.81	0.542	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS) - DL	895		18.1	4.51	ng/L	10		1633	Total/NA
Perfluorodecanoic acid (PFDA) - DL	6.00	J	18.1	4.51	ng/L	10		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS) - DL	4460		181	45.1	ng/L	100		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS) - DL	24600		181	45.1	ng/L	100		1633	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	4040		18.1	4.51	ng/L	10		1633	Total/NA
Perfluorooctanesulfonamide (PFOSA) - DL	61.0	J	181	45.1	ng/L	100		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	662000		5000	1250	ng/L	100		1633	Total/NA
Perfluorooctanoic acid (PFOA) - DL	2310		18.1	4.87	ng/L	10		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS) - DL	1640		18.1	4.51	ng/L	10		1633	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1
SDG: P-0039055

Client Sample ID: MW

Lab Sample ID: 310-313211-1

Date Collected: 08/08/25 10:20

Matrix: Water

Date Received: 08/13/25 09:20

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<281		313	281	ug/L		08/14/25 14:13	08/25/25 17:47	1
Diesel	<250		313	250	ug/L		08/14/25 14:13	08/25/25 17:47	1
Waste Oil	<188		313	188	ug/L		08/14/25 14:13	08/25/25 17:47	1
Total Extractable Hydrocarbons	<250		521	250	ug/L		08/14/25 14:13	08/25/25 17:47	1
Naphthalene	<20.8		20.8	20.8	ug/L		08/14/25 14:13	08/26/25 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	85		32 - 144	08/14/25 14:13	08/25/25 17:47	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1
SDG: P-0039055

Client Sample ID: SB-4

Lab Sample ID: 310-313211-2

Date Collected: 08/07/25 14:40

Matrix: Water

Date Received: 08/13/25 09:20

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<270		300	270	ug/L		08/14/25 14:13	08/25/25 18:02	1
Diesel	71300		300	240	ug/L		08/14/25 14:13	08/25/25 18:02	1
Waste Oil	<180		300	180	ug/L		08/14/25 14:13	08/25/25 18:02	1
Total Extractable Hydrocarbons	<240		500	240	ug/L		08/14/25 14:13	08/25/25 18:02	1
Naphthalene	351		20.0	20.0	ug/L		08/14/25 14:13	08/26/25 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane	75		32 - 144	08/14/25 14:13	08/25/25 18:02	1

Client Sample Results

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1
SDG: P-0039055

Client Sample ID: SB-9

Lab Sample ID: 310-313211-3

Date Collected: 08/07/25 11:40

Matrix: Water

Date Received: 08/13/25 09:20

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<276		306	276	ug/L		08/14/25 14:13	08/25/25 18:17	1
Diesel	106000		1530	1220	ug/L		08/14/25 14:13	08/26/25 13:22	5
Waste Oil	<184		306	184	ug/L		08/14/25 14:13	08/25/25 18:17	1
Total Extractable Hydrocarbons	<245		510	245	ug/L		08/14/25 14:13	08/25/25 18:17	1
Naphthalene	336		102	102	ug/L		08/14/25 14:13	08/26/25 13:22	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	58		32 - 144				08/14/25 14:13	08/25/25 18:17	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1
SDG: P-0039055

Client Sample ID: SB-16

Lab Sample ID: 310-313211-4

Date Collected: 08/07/25 10:15

Matrix: Water

Date Received: 08/13/25 09:20

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<270		300	270	ug/L		08/14/25 14:13	08/25/25 18:32	1
Diesel	<240		300	240	ug/L		08/14/25 14:13	08/25/25 18:32	1
Waste Oil	<180		300	180	ug/L		08/14/25 14:13	08/25/25 18:32	1
Total Extractable Hydrocarbons	360	J Z	500	240	ug/L		08/14/25 14:13	08/25/25 18:32	1
Naphthalene	<20.0		20.0	20.0	ug/L		08/14/25 14:13	08/26/25 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	90		32 - 144	08/14/25 14:13	08/25/25 18:32	1

Client Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1

SDG: P-0039055

Client Sample ID: SB-11

Lab Sample ID: 310-313211-5

Date Collected: 08/08/25 09:15

Matrix: Water

Date Received: 08/13/25 09:20

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.451		1.81	0.451	ng/L		08/15/25 10:00	08/16/25 03:58	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.415		1.35	0.415	ng/L		08/15/25 10:00	08/16/25 03:58	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.451		1.81	0.451	ng/L		08/15/25 10:00	08/16/25 03:58	1
Perfluorobutanoic acid (PFBA)	423		3.61	0.903	ng/L		08/15/25 10:00	08/16/25 03:58	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	0.456 J		1.81	0.451	ng/L		08/15/25 10:00	08/16/25 03:58	1
Perfluoroheptanoic acid (PFHpA)	287		1.81	0.460	ng/L		08/15/25 10:00	08/16/25 03:58	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<2.26		9.03	2.26	ng/L		08/15/25 10:00	08/16/25 03:58	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.84		1.81	0.451	ng/L		08/15/25 10:00	08/16/25 03:58	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.01		1.81	0.451	ng/L		08/15/25 10:00	08/16/25 03:58	1
Perfluorononanoic acid (PFNA)	75.4		1.81	0.451	ng/L		08/15/25 10:00	08/16/25 03:58	1
Perfluoropentanoic acid (PFPeA)	807		1.81	0.542	ng/L		08/15/25 10:00	08/16/25 03:58	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<2.26		9.03	2.26	ng/L		08/15/25 10:00	08/16/25 03:58	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.903		3.61	0.903	ng/L		08/15/25 10:00	08/16/25 03:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	56.4		40 - 130				08/15/25 10:00	08/16/25 03:58	1
13C4 PFBA	107		5 - 130				08/15/25 10:00	08/16/25 03:58	1
13C4 PFHpA	129		40 - 130				08/15/25 10:00	08/16/25 03:58	1
13C5 PFHxA	99.1		40 - 130				08/15/25 10:00	08/16/25 03:58	1
13C9 PFNA	98.7		40 - 130				08/15/25 10:00	08/16/25 03:58	1
13C8 PFOA	111		40 - 130				08/15/25 10:00	08/16/25 03:58	1
13C5 PFPeA	122		40 - 130				08/15/25 10:00	08/16/25 03:58	1
13C3-PFPrS	112		20 - 150				08/15/25 10:00	08/16/25 03:58	1

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<9.03		36.1	9.03	ng/L		08/15/25 10:00	08/19/25 05:13	10
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<10.4		36.1	10.4	ng/L		08/15/25 10:00	08/19/25 05:13	10
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<9.30		36.1	9.30	ng/L		08/15/25 10:00	08/19/25 05:13	10
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
N-ethylperfluorooctanesulfonamidoac etic acid (NEtFOSAA)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<226		903	226	ng/L		08/15/25 10:00	08/19/25 05:29	100
N-methylperfluorooctane sulfonamide (NMeFOSA)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	<60.5		181	60.5	ng/L		08/15/25 10:00	08/19/25 05:29	100

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Client Sample Results

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1

SDG: P-0039055

Client Sample ID: SB-11

Lab Sample ID: 310-313211-5

Date Collected: 08/08/25 09:15

Matrix: Water

Date Received: 08/13/25 09:20

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<267		903	267	ng/L		08/15/25 10:00	08/19/25 05:29	100
Perfluorobutanesulfonic acid (PFBS)	895		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluorodecanesulfonic acid (PFDS)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
Perfluorodecanoic acid (PFDA)	6.00 J		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluorododecanesulfonic acid (PFDoS)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
Perfluorododecanoic acid (PFDoA)	<4.51		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluoroheptanesulfonic acid (PFHpS)	4460		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
Perfluorohexanesulfonic acid (PFHxS)	24600		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
Perfluorohexanoic acid (PFHxA)	4040		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluorononanesulfonic acid (PFNS)	<45.1		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
Perfluorooctanesulfonamide (PFOSA)	61.0 J		181	45.1	ng/L		08/15/25 10:00	08/19/25 05:29	100
Perfluorooctanesulfonic acid (PFOS)	662000		5000	1250	ng/L		08/20/25 09:25	08/20/25 16:12	100
Perfluorooctanoic acid (PFOA)	2310		18.1	4.87	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluoropentanesulfonic acid (PFPeS)	1640		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluorotetradecanoic acid (PFTeDA)	<4.51		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluorotridecanoic acid (PFTTrDA)	<4.51		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10
Perfluoroundecanoic acid (PFUnA)	<4.51		18.1	4.51	ng/L		08/15/25 10:00	08/19/25 05:13	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 10:2 FTS	144		40 - 200	08/15/25 10:00	08/19/25 05:13	10
13C2 10:2 FTS	113		40 - 200	08/15/25 10:00	08/19/25 05:29	100
13C2 10:2 FTS	79.8		40 - 200	08/20/25 09:25	08/20/25 16:12	100
13C3 HFPO-DA	99.0		40 - 130	08/15/25 10:00	08/19/25 05:13	10
13C3 HFPO-DA	90.6		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C3 HFPO-DA	88.4		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C4 PFBA	107		5 - 130	08/15/25 10:00	08/19/25 05:13	10
13C4 PFBA	101		5 - 130	08/15/25 10:00	08/19/25 05:29	100
13C4 PFBA	100		5 - 130	08/20/25 09:25	08/20/25 16:12	100
13C3 PFBS	124		40 - 135	08/15/25 10:00	08/19/25 05:13	10
13C3 PFBS	98.7		40 - 135	08/15/25 10:00	08/19/25 05:29	100
13C3 PFBS	101		40 - 135	08/20/25 09:25	08/20/25 16:12	100
13C6 PFDA	98.2		40 - 130	08/15/25 10:00	08/19/25 05:13	10
13C6 PFDA	94.1		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C6 PFDA	83.4		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C2-PFDoDA	120		10 - 130	08/15/25 10:00	08/19/25 05:13	10
13C2-PFDoDA	101		10 - 130	08/15/25 10:00	08/19/25 05:29	100
13C2-PFDoDA	87.4		10 - 130	08/20/25 09:25	08/20/25 16:12	100
13C4 PFHpA	105		40 - 130	08/15/25 10:00	08/19/25 05:13	10
13C4 PFHpA	102		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C4 PFHpA	92.4		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C5 PFHxA	103		40 - 130	08/15/25 10:00	08/19/25 05:13	10
13C5 PFHxA	102		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C5 PFHxA	95.7		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C3 PFHxS	90.0		40 - 130	08/15/25 10:00	08/19/25 05:13	10

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Client Sample Results

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1

SDG: P-0039055

Client Sample ID: SB-11

Lab Sample ID: 310-313211-5

Date Collected: 08/08/25 09:15

Matrix: Water

Date Received: 08/13/25 09:20

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - DL (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	92.2		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C3 PFHxS	96.0		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C9 PFNA	103		40 - 130	08/15/25 10:00	08/19/25 05:13	10
13C9 PFNA	102		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C9 PFNA	93.9		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C8 PFOA	114		40 - 130	08/15/25 10:00	08/19/25 05:13	10
13C8 PFOA	111		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C8 PFOA	99.4		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C8 PFOS	98.0		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C8 PFOS	98.3		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C8 PFOSA	141	*5+	40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C8 PFOSA	94.5		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C5 PFPeA	110		40 - 130	08/15/25 10:00	08/19/25 05:13	10
13C5 PFPeA	104		40 - 130	08/15/25 10:00	08/19/25 05:29	100
13C5 PFPeA	94.2		40 - 130	08/20/25 09:25	08/20/25 16:12	100
13C3-PFPrS	118		20 - 150	08/15/25 10:00	08/19/25 05:13	10
13C3-PFPrS	117		20 - 150	08/15/25 10:00	08/19/25 05:29	100
13C3-PFPrS	93.7		20 - 150	08/20/25 09:25	08/20/25 16:12	100
13C2 PFTeDA	122		10 - 130	08/15/25 10:00	08/19/25 05:13	10
13C2 PFTeDA	98.8		10 - 130	08/15/25 10:00	08/19/25 05:29	100
13C2 PFTeDA	78.3		10 - 130	08/20/25 09:25	08/20/25 16:12	100
13C7 PFUnA	111		30 - 130	08/15/25 10:00	08/19/25 05:13	10
13C7 PFUnA	88.9		30 - 130	08/15/25 10:00	08/19/25 05:29	100
13C7 PFUnA	87.1		30 - 130	08/20/25 09:25	08/20/25 16:12	100
d5-NEtFOSAA	185	*5+	25 - 135	08/15/25 10:00	08/19/25 05:29	100
d5-NEtFOSAA	82.3		25 - 135	08/20/25 09:25	08/20/25 16:12	100
d9-N-EtFOSE-M	123		10 - 130	08/15/25 10:00	08/19/25 05:29	100
d9-N-EtFOSE-M	53.0		10 - 130	08/20/25 09:25	08/20/25 16:12	100
d5-NEtPFOSA	138	*5+	10 - 130	08/15/25 10:00	08/19/25 05:29	100
d5-NEtPFOSA	75.9		10 - 130	08/20/25 09:25	08/20/25 16:12	100
D3-NMeFOSA	104		10 - 130	08/15/25 10:00	08/19/25 05:29	100
D3-NMeFOSA	74.0		10 - 130	08/20/25 09:25	08/20/25 16:12	100
d3-NMeFOSAA	168		40 - 170	08/15/25 10:00	08/19/25 05:29	100
d3-NMeFOSAA	86.0		40 - 170	08/20/25 09:25	08/20/25 16:12	100
d7-N-MeFOSE-M	99.1		10 - 130	08/15/25 10:00	08/19/25 05:29	100
d7-N-MeFOSE-M	58.6		10 - 130	08/20/25 09:25	08/20/25 16:12	100
M2-4:2 FTS	135		40 - 200	08/15/25 10:00	08/19/25 05:13	10
M2-4:2 FTS	110		40 - 200	08/15/25 10:00	08/19/25 05:29	100
M2-4:2 FTS	96.3		40 - 200	08/20/25 09:25	08/20/25 16:12	100
M2-6:2 FTS	124		40 - 200	08/15/25 10:00	08/19/25 05:13	10
M2-6:2 FTS	96.9		40 - 200	08/15/25 10:00	08/19/25 05:29	100
M2-6:2 FTS	88.5		40 - 200	08/20/25 09:25	08/20/25 16:12	100
M2-8:2 FTS	125		40 - 300	08/15/25 10:00	08/19/25 05:13	10
M2-8:2 FTS	109		40 - 300	08/15/25 10:00	08/19/25 05:29	100
M2-8:2 FTS	81.9		40 - 300	08/20/25 09:25	08/20/25 16:12	100

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Definitions/Glossary

Exhibit MLL-4

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Job ID: 310-313211-1

SDG: P-0039055

Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Z	The chromatographic response does not resemble a typical fuel pattern.

LCMS

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTCN (32-144)
310-313211-1	MW	85
310-313211-2	SB-4	75
310-313211-3	SB-9	58
310-313211-4	SB-16	90
LCS 310-463688/2-A	Lab Control Sample	81
LCSD 310-463688/3-A	Lab Control Sample Dup	92
MB 310-463688/1-A	Method Blank	76
MB 310-463688/1-A	Method Blank	72
Surrogate Legend		
OTCN = n-Octacosane		

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Lab Sample ID: MB 310-463688/1-A

Matrix: Water

Analysis Batch: 464598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 463688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<270		300	270	ug/L		08/14/25 14:13	08/25/25 11:11	1
Diesel	<240		300	240	ug/L		08/14/25 14:13	08/25/25 11:11	1
Waste Oil	<180		300	180	ug/L		08/14/25 14:13	08/25/25 11:11	1
Total Extractable Hydrocarbons	<240		500	240	ug/L		08/14/25 14:13	08/25/25 11:11	1
Naphthalene	<20.0		20.0	20.0	ug/L		08/14/25 14:13	08/25/25 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	76		32 - 144	08/14/25 14:13	08/25/25 11:11	1

Lab Sample ID: MB 310-463688/1-A

Matrix: Water

Analysis Batch: 464759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 463688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<270		300	270	ug/L		08/14/25 14:13	08/26/25 12:22	1
Diesel	<240		300	240	ug/L		08/14/25 14:13	08/26/25 12:22	1
Waste Oil	<180		300	180	ug/L		08/14/25 14:13	08/26/25 12:22	1
Total Extractable Hydrocarbons	<240		500	240	ug/L		08/14/25 14:13	08/26/25 12:22	1
Naphthalene	<20.0		20.0	20.0	ug/L		08/14/25 14:13	08/26/25 12:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	72		32 - 144	08/14/25 14:13	08/26/25 12:22	1

Lab Sample ID: LCS 310-463688/2-A

Matrix: Water

Analysis Batch: 464598

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 463688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel	4000	2867		ug/L		72	42 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane	81		32 - 144

Lab Sample ID: LCSD 310-463688/3-A

Matrix: Water

Analysis Batch: 464598

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 463688

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel	4000	3676		ug/L		92	42 - 121	25	34

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane	92		32 - 144

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 240-668504/1-A

Matrix: Water

Analysis Batch: 668469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 668504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.460		1.50	0.460	ng/L		08/20/25 09:25	08/20/25 12:20	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.00		4.00	1.00	ng/L		08/20/25 09:25	08/20/25 12:20	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.15		4.00	1.15	ng/L		08/20/25 09:25	08/20/25 12:20	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.03		4.00	1.03	ng/L		08/20/25 09:25	08/20/25 12:20	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
N-ethylperfluorooctanesulfonamidoac etic acid (NEtFOSAA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<2.50		10.0	2.50	ng/L		08/20/25 09:25	08/20/25 12:20	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	<0.670		2.00	0.670	ng/L		08/20/25 09:25	08/20/25 12:20	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<2.96		10.0	2.96	ng/L		08/20/25 09:25	08/20/25 12:20	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorobutanesulfonic acid (PFBS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorobutanoic acid (PFBA)	<1.00		4.00	1.00	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorodecanesulfonic acid (PFDS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorodecanoic acid (PFDA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorododecanesulfonic acid (PFDoS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorododecanoic acid (PFDoA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluoroheptanoic acid (PFHpA)	<0.510		2.00	0.510	ng/L		08/20/25 09:25	08/20/25 12:20	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<2.50		10.0	2.50	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorohexanesulfonic acid (PFHxS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorohexanoic acid (PFHxA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorononanesulfonic acid (PFNS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorononanoic acid (PFNA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorooctanesulfonamide (PFOSA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorooctanesulfonic acid (PFOS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorooctanoic acid (PFOA)	<0.540		2.00	0.540	ng/L		08/20/25 09:25	08/20/25 12:20	1

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 240-668504/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 668469

Prep Batch: 668504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluoropentanoic acid (PFPeA)	<0.600		2.00	0.600	ng/L		08/20/25 09:25	08/20/25 12:20	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<2.50		10.0	2.50	ng/L		08/20/25 09:25	08/20/25 12:20	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<1.00		4.00	1.00	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorotetradecanoic acid (PFTeDA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluorotridecanoic acid (PFTrDA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1
Perfluoroundecanoic acid (PFUnA)	<0.500		2.00	0.500	ng/L		08/20/25 09:25	08/20/25 12:20	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 10:2 FTS	79.1		40 - 200	08/20/25 09:25	08/20/25 12:20	1
13C3 HFPO-DA	95.2		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C4 PFBA	107		5 - 130	08/20/25 09:25	08/20/25 12:20	1
13C3 PFBS	101		40 - 135	08/20/25 09:25	08/20/25 12:20	1
13C6 PFDA	92.9		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C2-PFDoDA	94.4		10 - 130	08/20/25 09:25	08/20/25 12:20	1
13C4 PFHpA	99.9		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C5 PFHxA	96.3		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C3 PFHxS	100		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C9 PFNA	98.1		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C8 PFOA	97.4		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C8 PFOS	99.2		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C8 PFOSA	87.8		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C5 PFPeA	102		40 - 130	08/20/25 09:25	08/20/25 12:20	1
13C3-PFPrS	99.8		20 - 150	08/20/25 09:25	08/20/25 12:20	1
13C2 PFTeDA	81.3		10 - 130	08/20/25 09:25	08/20/25 12:20	1
13C7 PFUnA	95.8		30 - 130	08/20/25 09:25	08/20/25 12:20	1
d5-NEtFOSAA	82.9		25 - 135	08/20/25 09:25	08/20/25 12:20	1
d9-N-EtFOSE-M	50.1		10 - 130	08/20/25 09:25	08/20/25 12:20	1
d5-NEtPFOSA	76.7		10 - 130	08/20/25 09:25	08/20/25 12:20	1
D3-NMeFOSA	82.2		10 - 130	08/20/25 09:25	08/20/25 12:20	1
d3-NMeFOSAA	84.8		40 - 170	08/20/25 09:25	08/20/25 12:20	1
d7-N-MeFOSE-M	51.8		10 - 130	08/20/25 09:25	08/20/25 12:20	1
M2-4:2 FTS	95.8		40 - 200	08/20/25 09:25	08/20/25 12:20	1
M2-6:2 FTS	101		40 - 200	08/20/25 09:25	08/20/25 12:20	1
M2-8:2 FTS	86.6		40 - 300	08/20/25 09:25	08/20/25 12:20	1

Lab Sample ID: LCS 240-668504/3-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 668469

Prep Batch: 668504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	36.88		ng/L		98	55 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	39.05		ng/L		105	70 - 155

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-668504/3-A

Matrix: Water

Analysis Batch: 668469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 668504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	44.65		ng/L		118	65 - 145
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	33.72		ng/L		112	70 - 140
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	86.61		ng/L		113	60 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	82.82		ng/L		110	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	82.98		ng/L		109	65 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	45.01		ng/L		113	65 - 145
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	46.03		ng/L		115	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	242.7		ng/L		121	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	47.40		ng/L		118	60 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	46.53		ng/L		116	50 - 140
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	243.8		ng/L		122	70 - 145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	44.05		ng/L		110	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.5	31.90		ng/L		90	60 - 145
Perfluorobutanoic acid (PFBA)	80.0	89.32		ng/L		112	70 - 140
Perfluorodecanesulfonic acid (PFDS)	38.6	38.10		ng/L		99	60 - 145
Perfluorodecanoic acid (PFDA)	40.0	48.79		ng/L		122	70 - 140
Perfluorododecanesulfonic acid (PFDoS)	38.8	36.01		ng/L		93	50 - 145
Perfluorododecanoic acid (PFDoA)	40.0	42.37		ng/L		106	70 - 140
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	35.7	40.68		ng/L		114	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	38.2	38.18		ng/L		100	70 - 150
Perfluoroheptanoic acid (PFHpA)	40.0	39.61		ng/L		99	70 - 150
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	200.4		ng/L		100	50 - 145
Perfluorohexanesulfonic acid (PFHxS)	36.5	34.10		ng/L		93	65 - 145
Perfluorohexanoic acid (PFHxA)	40.0	43.16		ng/L		108	70 - 145
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	41.62		ng/L		104	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	43.53		ng/L		109	55 - 140
Perfluorononanesulfonic acid (PFNS)	38.5	42.51		ng/L		110	65 - 145
Perfluorononanoic acid (PFNA)	40.0	45.57		ng/L		114	70 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	45.76		ng/L		114	70 - 145
Perfluorooctanesulfonic acid (PFOS)	37.2	43.33		ng/L		116	55 - 150

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QC Sample Results

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-668504/3-A

Matrix: Water

Analysis Batch: 668469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 668504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanoic acid (PFOA)	40.0	46.50		ng/L		116	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	37.6	34.56		ng/L		92	65 - 140
Perfluoropentanoic acid (PFPeA)	40.0	44.79		ng/L		112	65 - 135
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	216.0		ng/L		108	70 - 135
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	88.18		ng/L		110	65 - 130
Perfluorotetradecanoic acid (PFTeDA)	40.0	45.80		ng/L		114	60 - 140
Perfluorotridecanoic acid (PFTriDA)	40.0	44.98		ng/L		112	65 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	47.53		ng/L		119	70 - 145

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 10:2 FTS	73.0		10 - 200
13C3 HFPO-DA	94.9		40 - 130
13C4 PFBA	105		5 - 130
13C3 PFBS	102		40 - 135
13C6 PFDA	90.2		40 - 130
13C2-PFDoDA	87.7		10 - 130
13C4 PFHpA	99.4		40 - 130
13C5 PFHxA	93.5		40 - 130
13C3 PFHxS	101		40 - 130
13C9 PFNA	96.0		40 - 130
13C8 PFOA	95.4		40 - 130
13C8 PFOS	98.1		40 - 130
13C8 PFOSA	81.9		40 - 130
13C5 PFPeA	102		40 - 130
13C3-PFPrS	98.8		20 - 150
13C2 PFTeDA	77.8		10 - 130
13C7 PFUnA	90.2		30 - 130
d5-NEtFOSAA	77.7		25 - 135
d9-N-EtFOSE-M	50.4		10 - 130
d5-NEtPFOSA	78.0		10 - 130
D3-NMeFOSA	80.6		10 - 130
d3-NMeFOSAA	81.2		40 - 170
d7-N-MeFOSE-M	56.7		10 - 130
M2-4:2 FTS	96.2		40 - 200
M2-6:2 FTS	99.4		40 - 200
M2-8:2 FTS	87.2		40 - 300

Lab Sample ID: LLCS 240-668504/2-A

Matrix: Water

Analysis Batch: 668469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 668504

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	4.109		ng/L		109	55 - 160

Eurofins Cedar Falls

QC Sample Results

Exhibit MLL-4

Page 484 of 500

Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-668504/2-A

Matrix: Water

Analysis Batch: 668469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 668504

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	4.275		ng/L		114	70 - 155
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	4.779		ng/L		126	65 - 145
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.668		ng/L		122	70 - 140
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	9.577		ng/L		125	60 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	8.932		ng/L		119	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	8.589		ng/L		113	65 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	5.156		ng/L		129	65 - 145
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	4.855		ng/L		121	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	28.96	*+	ng/L		145	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	5.235		ng/L		131	60 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	5.078		ng/L		127	50 - 140
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	26.44		ng/L		132	70 - 145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	4.685		ng/L		117	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.55	3.494		ng/L		98	60 - 145
Perfluorobutanoic acid (PFBA)	8.00	9.714		ng/L		121	70 - 140
Perfluorodecanesulfonic acid (PFDS)	3.86	4.200		ng/L		109	60 - 145
Perfluorodecanoic acid (PFDA)	4.00	5.436		ng/L		136	70 - 140
Perfluorododecanesulfonic acid (PFDoS)	3.88	4.307		ng/L		111	50 - 145
Perfluorododecanoic acid (PFDoA)	4.00	4.823		ng/L		121	70 - 140
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	3.57	4.329		ng/L		121	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	3.82	4.200		ng/L		110	70 - 150
Perfluoroheptanoic acid (PFHpA)	4.00	4.398		ng/L		110	70 - 150
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	20.73		ng/L		104	50 - 145
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.962		ng/L		109	65 - 145
Perfluorohexanoic acid (PFHxA)	4.00	4.686		ng/L		117	70 - 145
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	4.486		ng/L		112	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	4.637		ng/L		116	55 - 140
Perfluorononanesulfonic acid (PFNS)	3.85	4.533		ng/L		118	65 - 145
Perfluorononanoic acid (PFNA)	4.00	4.933		ng/L		123	70 - 150

Eurofins Cedar Falls

QC Sample Results

Exhibit MLL-4

Page 485 of 500

Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-668504/2-A

Matrix: Water

Analysis Batch: 668469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 668504

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonamide (PFOSA)	4.00	4.923		ng/L		123	70 - 145
Perfluorooctanesulfonic acid (PFOS)	3.72	4.958		ng/L		133	55 - 150
Perfluorooctanoic acid (PFOA)	4.00	5.202		ng/L		130	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.940		ng/L		105	65 - 140
Perfluoropentanoic acid (PFPeA)	4.00	4.806		ng/L		120	65 - 135
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	22.13		ng/L		111	70 - 135
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	9.175		ng/L		115	65 - 130
Perfluorotetradecanoic acid (PFTeDA)	4.00	5.080		ng/L		127	60 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	4.886		ng/L		122	65 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	5.017		ng/L		125	70 - 145

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C2 10:2 FTS	67.1		10 - 200
13C3 HFPO-DA	88.6		40 - 130
13C4 PFBA	102		5 - 130
13C3 PFBS	91.6		40 - 135
13C6 PFDA	79.5		40 - 130
13C2-PFDoDA	82.4		10 - 130
13C4 PFHpA	91.9		40 - 130
13C5 PFHxA	90.0		40 - 130
13C3 PFHxS	87.1		40 - 130
13C9 PFNA	85.4		40 - 130
13C8 PFOA	83.6		40 - 130
13C8 PFOS	85.2		40 - 130
13C8 PFOSA	75.6		40 - 130
13C5 PFPeA	99.7		40 - 130
13C3-PFPrS	96.8		20 - 150
13C2 PFTeDA	77.1		10 - 130
13C7 PFUnA	81.9		30 - 130
d5-NEtFOSAA	73.3		25 - 135
d9-N-EtFOSE-M	49.5		10 - 130
d5-NEtPFOSA	66.6		10 - 130
D3-NMeFOSA	70.3		10 - 130
d3-NMeFOSAA	75.0		40 - 170
d7-N-MeFOSE-M	52.2		10 - 130
M2-4:2 FTS	90.9		40 - 200
M2-6:2 FTS	88.3		40 - 200
M2-8:2 FTS	74.3		40 - 300

Eurofins Cedar Falls

QC Association Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

GC Semi VOA

Prep Batch: 463688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-1	MW	Total/NA	Water	3510C	
310-313211-2	SB-4	Total/NA	Water	3510C	
310-313211-3	SB-9	Total/NA	Water	3510C	
310-313211-4	SB-16	Total/NA	Water	3510C	
MB 310-463688/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-463688/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-463688/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 464598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-1	MW	Total/NA	Water	OA-2	463688
310-313211-2	SB-4	Total/NA	Water	OA-2	463688
310-313211-3	SB-9	Total/NA	Water	OA-2	463688
310-313211-4	SB-16	Total/NA	Water	OA-2	463688
MB 310-463688/1-A	Method Blank	Total/NA	Water	OA-2	463688
LCS 310-463688/2-A	Lab Control Sample	Total/NA	Water	OA-2	463688
LCSD 310-463688/3-A	Lab Control Sample Dup	Total/NA	Water	OA-2	463688

Analysis Batch: 464759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-1	MW	Total/NA	Water	OA-2	463688
310-313211-2	SB-4	Total/NA	Water	OA-2	463688
310-313211-3	SB-9	Total/NA	Water	OA-2	463688
310-313211-4	SB-16	Total/NA	Water	OA-2	463688
MB 310-463688/1-A	Method Blank	Total/NA	Water	OA-2	463688

LCMS

Prep Batch: 667845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-5	SB-11	Total/NA	Water	1633	
310-313211-5 - DL	SB-11	Total/NA	Water	1633	

Analysis Batch: 667923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-5	SB-11	Total/NA	Water	1633	667845

Analysis Batch: 668169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-5 - DL	SB-11	Total/NA	Water	1633	667845
310-313211-5 - DL	SB-11	Total/NA	Water	1633	667845

Analysis Batch: 668469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-5 - DL	SB-11	Total/NA	Water	1633	668504
MB 240-668504/1-A	Method Blank	Total/NA	Water	1633	668504
LCS 240-668504/3-A	Lab Control Sample	Total/NA	Water	1633	668504
LLCS 240-668504/2-A	Lab Control Sample	Total/NA	Water	1633	668504

Eurofins Cedar Falls

QC Association Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1
SDG: P-0039055

LCMS

Prep Batch: 668504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-313211-5 - DL	SB-11	Total/NA	Water	1633	
MB 240-668504/1-A	Method Blank	Total/NA	Water	1633	
LCS 240-668504/3-A	Lab Control Sample	Total/NA	Water	1633	
LLCS 240-668504/2-A	Lab Control Sample	Total/NA	Water	1633	

Lab Chronicle

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1

SDG: P-0039055

Client Sample ID: MW

Date Collected: 08/08/25 10:20

Date Received: 08/13/25 09:20

Lab Sample ID: 310-313211-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		1	464598	C3AA	EET CF	08/25/25 17:47
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		1	464759	C3AA	EET CF	08/26/25 12:37

Client Sample ID: SB-4

Date Collected: 08/07/25 14:40

Date Received: 08/13/25 09:20

Lab Sample ID: 310-313211-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		1	464598	C3AA	EET CF	08/25/25 18:02
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		1	464759	C3AA	EET CF	08/26/25 12:52

Client Sample ID: SB-9

Date Collected: 08/07/25 11:40

Date Received: 08/13/25 09:20

Lab Sample ID: 310-313211-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		1	464598	C3AA	EET CF	08/25/25 18:17
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		5	464759	C3AA	EET CF	08/26/25 13:22

Client Sample ID: SB-16

Date Collected: 08/07/25 10:15

Date Received: 08/13/25 09:20

Lab Sample ID: 310-313211-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		1	464598	C3AA	EET CF	08/25/25 18:32
Total/NA	Prep	3510C			463688	D2YP	EET CF	08/14/25 14:13
Total/NA	Analysis	OA-2		1	464759	C3AA	EET CF	08/26/25 13:07

Client Sample ID: SB-11

Date Collected: 08/08/25 09:15

Date Received: 08/13/25 09:20

Lab Sample ID: 310-313211-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633	DL		668504	CLB	EET CLE	08/20/25 09:25
Total/NA	Analysis	1633	DL	100	668469	MRL	EET CLE	08/20/25 16:12
Total/NA	Prep	1633			667845	E6JD	EET CLE	08/15/25 10:00
Total/NA	Analysis	1633		1	667923	C4KB	EET CLE	08/16/25 03:58
Total/NA	Prep	1633	DL		667845	E6JD	EET CLE	08/15/25 10:00
Total/NA	Analysis	1633	DL	10	668169	DSH	EET CLE	08/19/25 05:13

Eurofins Cedar Falls

Client: American Engineering Testing Inc.
Project/Site: Rapid City SD - PFAS

Lab Chronicle

Exhibit MLL-4
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Job ID: 310-313211-1
SDG: P-0039055

Client Sample ID: SB-11

Date Collected: 08/08/25 09:15

Date Received: 08/13/25 09:20

Lab Sample ID: 310-313211-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633	DL		667845	E6JD	EET CLE	08/15/25 10:00
Total/NA	Analysis	1633	DL	100	668169	DSH	EET CLE	08/19/25 05:29

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401
EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Exhibit MLL-4

Page 490 of 500

Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1

SDG: P-0039055

Laboratory: Eurofins Cedar Falls

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-25
Georgia	State	IA100001 (OR)	09-29-25
Illinois	NELAP	200024	11-30-25
Iowa	State	007	12-01-25
Kansas	NELAP	E-10341	01-31-26
Minnesota	NELAP	019-999-319	12-31-25
Minnesota (Petrofund)	State	3349	01-18-26
North Dakota	State	R-186	09-29-24 *
Oregon	NELAP	IA100001	09-29-25

Laboratory: Eurofins Cleveland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	039-999-348	12-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cedar Falls

Method Summary

Exhibit MLL-4

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Client: American Engineering Testing Inc.

Project/Site: Rapid City SD - PFAS

Job ID: 310-313211-1

SDG: P-0039055

Method	Method Description	Protocol	Laboratory
OA-2	Iowa - Extractable Petroleum Hydrocarbons (GC)	Iowa DNR	EET CF
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET CLE
1633	Solid-Phase Extraction (SPE)	EPA	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF

Protocol References:

EPA = US Environmental Protection Agency

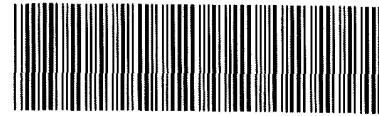
Iowa DNR = Iowa Department of Natural Resources

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Environment Testing
America

310-313211 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client <u>American Engineering Testing</u>			
City/State:	CITY	STATE	Project:
Receipt Information			
Date/Time Received:	DATE	TIME	Received By:
	<u>8.13.25</u>	<u>0920</u>	<u>C6C</u>
Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler? ☒ Yes ☐ No If yes. Cooler ID. _____			
Multiple Coolers? ☐ Yes ☒ No If yes. Cooler # _____ of _____			
Cooler Custody Seals Present? ☒ Yes ☐ No If yes: Cooler custody seals intact? ☒ Yes ☐ No			
Sample Custody Seals Present? ☐ Yes ☒ No If yes. Sample custody seals intact? ☐ Yes ☐ No			
Trip Blank Present? ☐ Yes ☒ No If yes: Which VOA samples are in cooler? ↓ _____			
Temperature Record			
Coolant: ☐ Wet ice ☐ Blue ice ☐ Dry ice ☒ Other: <u>melted ice</u> ☐ NONE			
Thermometer ID: <u>P</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>19.1</u>		Corrected Temp (°C): <u>19.1</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1		CONTAINER 2
	<u>125ml Plastic Unpreserved</u>		
Uncorrected Temp (°C):	<u>15.8</u>		
Corrected Temp (°C):	<u>15.8</u>		
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☒ No a) If yes: Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			

Eurofins Cedar Falls

3019 Venture Way

Cedar Falls IA 50613

Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record



Environment Testing

Eurofins Duluth SC 269

Client Information		Sampler: R PRANN		Lab PM: Bindert, Zach T		Carrier Tracking No(s):		COC No: 310-109170-29020 3			
Client Contact: Robert Prann		Phone: 605 484 6886		E-Mail: Zach.Bindert@et.eurofinsus.com		State of Origin:		Page: Page 3 of 3			
Company: American Engineering Testing Inc.		PWSID:		Analysis Requested						Job #: P-0039055	
Address: 1745 Samco Road		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) Moisture - Local Method 1633_Final - 1633 Standard List 40 OA2 - OA2 Standard + Naphthalene TCLP RCRA Metals 6010D, 7470A Total Number of containers						Preservation Codes	
City: Rapid City		TAT Requested (days)								N - None	
State, Zip: SD 57702		Compliance Project: ☐ Yes ☐ No								Other:	
Phone: 605-484-6886(Tel)		PO #:								Special Instructions/Note.	
Email: rprann@teamAET.com		Purchase Order not required									
Project Name: Rapid City SD - PFAS		WO #: P-0039055		Project #:		SSOW#:					
Site:		Project #:		SSOW#:							
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)		Preservation Code:	
MW		8/8/25		1020AM		G		W		X	
SB 4		8/7/25		1440		G		W		X	
SB-9		8/7/25		1140		G		W		X	
SB 16		8/7/25		1015		G		W		X	
SB-11		8/8/25		0915		G		W		X	
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		Special Instructions/QC Requirements			
Deliverable Requested I II III IV Other (specify)		Empty Kit Relinquished by: B PRANN		Date: 8/11/25		Time: 10:20		Method of Shipment:			
Relinquished by: B PRANN		Date/Time: 8/11/25		Company: AET		Received by: CGC		Date/Time: 8.13.25 09:20		Company: Eurofins	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:							

Ver 05/06/2024



Environment Testing

Ver: 10/10/2024

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # : _____
Barberton Facility		
Client <u>Eurofins Cedar Falls</u>	Site Name _____	Cooler unpacked by: _____
Cooler Received on <u>8/14/25</u>	Opened on <u>8/14/25</u>	<u>JMOROSKO</u>
FedEx: 1 st Grd ☒ Exp ☐ UPS ☐ FAS ☐ Waypoint ☐ Client Drop Off ☐ Eurofins Courier ☐ Other _____		
Receipt After-hours Drop-off Date/Time _____		Storage Location _____
Eurofins Cooler # <u>EC</u> Foam Box ☐ Client Cooler ☐ Box ☐ Other _____		
Packing material used, Bubble Wrap ☒ Foam ☐ Plastic Bag ☐ None ☐ Other _____		
COOLANT Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐		
1 Cooler temperature upon receipt ☐ See Multiple Cooler Form		
IR GUN # <u>13</u> (CF <u>10.2</u> °C) Observed Cooler Temp. <u>3.4</u> °C Corrected Cooler Temp <u>3.6</u> °C		
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>		
-Were the seals on the outside of the cooler(s) signed & dated? ☒ Yes ☐ No ☐ NA		
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? ☒ Yes ☐ No ☐ NA		
-Were tamper/custody seals intact and uncompromised? ☒ Yes ☐ No ☐ NA		
3 Shippers' packing slip attached to the cooler(s)? ☒ Yes ☐ No ☐ NA		
4 Did custody papers accompany the sample(s)? ☒ Yes ☐ No ☐ NA		
5 Were the custody papers relinquished & signed in the appropriate place? ☒ Yes ☐ No ☐ NA		
6 Was/were the person(s) who collected the samples clearly identified on the COC? ☒ Yes ☐ No ☐ NA		
7 Did all bottles arrive in good condition (Unbroken)? ☒ Yes ☐ No ☐ NA		
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? ☒ Yes ☐ No ☐ NA		
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? ☒ Yes ☐ No ☐ NA		
10 Were correct bottle(s) used for the test(s) indicated? ☒ Yes ☐ No ☐ NA		
11 Sufficient quantity received to perform indicated analyses? ☒ Yes ☐ No ☐ NA		
12 Are these work share samples and all listed on the COC? ☒ Yes ☐ No ☐ NA		
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt? ☒ Yes ☐ No ☐ NA pH Strip Lot# HC463162		
14 Were VOAs on the COC? ☒ Yes ☐ No ☐ NA		
15 Were air bubbles >6 mm in any VOA vials? ☒ Yes ☐ No ☐ NA		
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ ☒ Yes ☐ No ☐ NA		
17 Was a LL Hg or Me Hg trip blank present? _____ ☒ Yes ☐ No ☐ NA		
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____		
Concerning _____		

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page	Labeled by: _____ Labels Verified by: _____
_____ _____ _____ _____	
19 SAMPLE CONDITION	
Sample(s) _____ were received after the recommended holding time had expired	
Sample(s) _____ were received in a broken container	
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)	
20 SAMPLE PRESERVATION	
Sample(s) _____ were further preserved in the laboratory	
Time preserved. _____ Preservative(s) added/Lot number(s). _____	
VOA Sample Preservation - Date/Time VOAs Frozen _____	

1919) 277-2401
INIA
AMERICA
WAY

SHIP DATE 13AUG25
ACTWGT 28.15 LB
CAD 0870970/CAFE3906

BILL SENDER

TRK# 4085 8621 6999
0201

THU - 14 AUG 10:30A
PRIORITY OVERNIGHT

NS CAKA

44203
OH-US CLE

Login Sample Receipt Checklist

Client: American Engineering Testing Inc.

Job Number: 310-313211-1

SDG Number: P-0039055

Login Number: 313211

List Number: 1

Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Exhibit MLL-4

Page 498 of 500

Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M102FTS (40-200)	HFPODA (40-130)	PFBA (5-130)	C3PFBS (40-135)	C6PFDA (40-130)	PFDODA (10-130)	C4PFHA (40-130)	13C5PHA (40-130)
310-313211-5	SB-11		56.4	107				129	99.1
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C3PFHS (40-130)	C9PFNA (40-130)	C8PFOA (40-130)	PFPeA (40-130)	I3C3-PFPrS (20-150)	PFTDA (10-130)	13C7PUA (30-130)	M242FTS (40-200)
310-313211-5	SB-11		98.7	111	122	112			
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)						
310-313211-5	SB-11								
Surrogate Legend									
HFPODA = 13C3 HFPO-DA									
PFBA = 13C4 PFBA									
C4PFHA = 13C4 PFHpA									
13C5PHA = 13C5 PFHxA									
C9PFNA = 13C9 PFNA									
C8PFOA = 13C8 PFOA									
PFPeA = 13C5 PFPeA									
I3C3-PFPrS = 13C3-PFPrS									

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M102FTS (40-200)	HFPODA (40-130)	PFBA (5-130)	C3PFBS (40-135)	C6PFDA (40-130)	PFDODA (10-130)	C4PFHA (40-130)	13C5PHA (40-130)
310-313211-5 - DL	SB-11	144	99.0	107	124	98.2	120	105	103
310-313211-5 - DL	SB-11	113	90.6	101	98.7	94.1	101	102	102
310-313211-5 - DL	SB-11	79.8	88.4	100	101	83.4	87.4	92.4	95.7
MB 240-668504/1-A	Method Blank	79.1	95.2	107	101	92.9	94.4	99.9	96.3
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C3PFHS (40-130)	C9PFNA (40-130)	C8PFOA (40-130)	C8PFOS (40-130)	PFOSA (40-130)	PFPeA (40-130)	I3C3-PFPrS (20-150)	PFTDA (10-130)
310-313211-5 - DL	SB-11	90.0	103	114			110	118	122
310-313211-5 - DL	SB-11	92.2	102	111	98.0	141 *5+	104	117	98.8
310-313211-5 - DL	SB-11	96.0	93.9	99.4	98.3	94.5	94.2	93.7	78.3
MB 240-668504/1-A	Method Blank	100	98.1	97.4	99.2	87.8	102	99.8	81.3
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (30-130)	d5NEFOS (25-135)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSa (10-130)	d3NMFOS (40-170)	NMFM (10-130)	M242FTS (40-200)
310-313211-5 - DL	SB-11	111							135
310-313211-5 - DL	SB-11	88.9	185 *5+	123	138 *5+	104	168	99.1	110
310-313211-5 - DL	SB-11	87.1	82.3	53.0	75.9	74.0	86.0	58.6	96.3
MB 240-668504/1-A	Method Blank	95.8	82.9	50.1	76.7	82.2	84.8	51.8	95.8
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)						
310-313211-5 - DL	SB-11	124	125						
310-313211-5 - DL	SB-11	96.9	109						

Eurofins Cedar Falls

Isotope Dilution Summary

Exhibit MLL-4

Page 499 of 500

Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)						
310-313211-5 - DL	SB-11	88.5	81.9						
MB 240-668504/1-A	Method Blank	101	86.6						
Surrogate Legend									
M102FTS = 13C2 10:2 FTS									
HFPODA = 13C3 HFPO-DA									
PFBA = 13C4 PFBA									
C3PFBS = 13C3 PFBS									
C6PFDA = 13C6 PFDA									
PFDODA = 13C2-PFDODA									
C4PFHA = 13C4 PFHpA									
13C5PHA = 13C5 PFHxA									
C3PFHS = 13C3 PFHxS									
C9PFNA = 13C9 PFNA									
C8PFOA = 13C8 PFOA									
C8PFOS = 13C8 PFOS									
PFOSA = 13C8 PFOSA									
PFPeA = 13C5 PFPeA									
13C3-PFPrS = 13C3-PFPrS									
PFTDA = 13C2 PFTeDA									
13C7PUA = 13C7 PFUnA									
d5NEFOS = d5-NEtFOSAA									
NEFM = d9-N-EtFOSE-M									
d5NPFSA = d5-NEtPFOSA									
d3NMFSA = D3-NMeFOSA									
d3NMFOS = d3-NMeFOSAA									
NMFm = d7-N-MeFOSE-M									
M242FTS = M2-4:2 FTS									
M262FTS = M2-6:2 FTS									
M282FTS = M2-8:2 FTS									

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M102FTS (10-200)	HFPODA (40-130)	PFBA (5-130)	C3PFBS (40-135)	C6PFDA (40-130)	PFDODA (10-130)	C4PFHA (40-130)	13C5PHA (40-130)
LCS 240-668504/3-A	Lab Control Sample	73.0	94.9	105	102	90.2	87.7	99.4	93.5
LLCS 240-668504/2-A	Lab Control Sample	67.1	88.6	102	91.6	79.5	82.4	91.9	90.0
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C3PFHS (40-130)	C9PFNA (40-130)	C8PFOA (40-130)	C8PFOS (40-130)	PFOSA (40-130)	PFPeA (40-130)	13C3-PFPrS (20-150)	PFTDA (10-130)
LCS 240-668504/3-A	Lab Control Sample	101	96.0	95.4	98.1	81.9	102	98.8	77.8
LLCS 240-668504/2-A	Lab Control Sample	87.1	85.4	83.6	85.2	75.6	99.7	96.8	77.1
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (30-130)	d5NEFOS (25-135)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	d3NMFOS (40-170)	NMFm (10-130)	M242FTS (40-200)
LCS 240-668504/3-A	Lab Control Sample	90.2	77.7	50.4	78.0	80.6	81.2	56.7	96.2
LLCS 240-668504/2-A	Lab Control Sample	81.9	73.3	49.5	66.6	70.3	75.0	52.2	90.9

Eurofins Cedar Falls

Isotope Dilution Summary

Exhibit MLL-4

Page 500 of 500

Client: American Engineering Testing Inc.

Job ID: 310-313211-1

Project/Site: Rapid City SD - PFAS

SDG: P-0039055

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)
LCS 240-668504/3-A	Lab Control Sample	99.4	87.2
LLCS 240-668504/2-A	Lab Control Sample	88.3	74.3
Surrogate Legend			
M102FTS = 13C2 10:2 FTS			
HFPODA = 13C3 HFPO-DA			
PFBA = 13C4 PFBA			
C3PFBS = 13C3 PFBS			
C6PFDA = 13C6 PFDA			
PFDoDA = 13C2-PFDoDA			
C4PFHA = 13C4 PFHpA			
13C5PHA = 13C5 PFHxA			
C3PFHS = 13C3 PFHxS			
C9PFNA = 13C9 PFNA			
C8PFOA = 13C8 PFOA			
C8PFOS = 13C8 PFOS			
PFOSA = 13C8 PFOSA			
PFPeA = 13C5 PFPeA			
13C3-PFPrS = 13C3-PFPrS			
PFTDA = 13C2 PFTeDA			
13C7PUA = 13C7 PFUnA			
d5NEFOS = d5-NEtFOSAA			
NEFM = d9-N-EtFOSE-M			
d5NPFSA = d5-NEtPFOSA			
d3NMFSA = D3-NMeFOSA			
d3NMFOS = d3-NMeFOSAA			
NMFm = d7-N-MeFOSE-M			
M242FTS = M2-4:2 FTS			
M262FTS = M2-6:2 FTS			
M282FTS = M2-8:2 FTS			