# South Dakota Spill Report Form

**PRCF #:** **Case #:** 2025.187

| Reported (MM/DD/YY): 12/19/25 | Time: | Recorded By: JS |
|---|---|---|

**A. REPORTER**

| | | |
|---|---|---|
| Reported By: Greg Liebelt | | |
| Organization Name: WAPA | | ☑ Discharger ☐ Public ☐ State ☐ Local ☐ Federal |
| Phone: | | Email: liebelt@wapa.gov |
| Address: PO Box 145 | | |
| City: Fort Peck | State: SD | Zip: 59223 |

**B. DISCHARGER** (Responsible Party) ☒ As Above in A

| | | |
|---|---|---|
| Name: | | |
| Address: | | |
| City: | State: SD | Zip: |
| Phone: | Email: | |

**C. INCIDENT DATE & LOCATION** ☐ As Above In B

| | | | |
|---|---|---|---|
| Spill Date: (MM/DD/YY) 12/19/25 | Spill Time: | | |
| Street or Approx. Location: Meade County Road 194 | | | |
| Survey Description: 44.5889, -103.2489 | | | |
| City: Newell | County: Meade | State: SD | Zip: 57788 |

**D. MATERIAL**

| Material type (Code/Name): ☐ Hazardous Substance ☐ Oil ☐ Material Unknown ☑ Other | Quantity Spilled | Spilled in Water | Units (Check one) | |
|---|---|---|---|---|
| non-PCB transformer oil | 200 | | ☐ lb. ☐ bbl. | ☑ gal. ☐ oth. |
| | | | ☐ lb. ☐ bbl. | ☐ gal. ☐ oth. |
| | | | ☐ lb. ☐ bbl. | ☐ gal. ☐ oth. |

**E. SOURCE**

Source of Spill: ☐ AST ☐ UST ☐ Railway ☐ Transport ☑ Fixed Facility ☐ Pipeline ☐ Highway ☐ Other

Description:

Regulated Tank Facility: ☐ Tank Facility ID #:

**F. MEDIUM**

Medium Affected: ☐ Air ☑ Land ☐ Water ☐ Groundwater ☐ Within Facilities Only

Waterway Affected:

**G. CAUSE**

Reported Cause: ☐ Transportation Accident ☐ Operational Error ☐ Dumping ☐ Equipment Failure ☐ Natural Phenomenon ☑ Unknown ☐ Other

Description:

**H. DAMAGES**

| # of Injuries: 0 | # of Fatalities: 0 |
|---|---|

**I. ACTIONS**

Response Action Taken:
personnel mobilized for cleanup

**K. NOTIFIED**

Responding Agency: ☑ DANR ☐ Local ☐ Discharger ☐ Federal ☐ EPA ☐ Other

Agencies Notified: DANR

**K. COMMENTS**

Comments:
Location initially reported as WAPA's New Underwood facility, corrected to Newell Substation

**Department of Agriculture and Natural Resources**
**Inspection, Compliance, and Remediation Program**
**523 East Capitol Avenue**
**Pierre, South Dakota 57501**

**Business Hours M – F 8:00-5:00 pm**
**Normal Business Hours- (605)773-3296**
**After Business Hours- (605) 773-3231**

**DEPARTMENT of AGRICULTURE and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

December 19, 2025

Greg Liebelt
WAPA
PO Box 145
Fort Peck, MT 59223

Subject: Department of Agriculture and Natural Resources File # 2025.187: pertaining to a release of non-PCB transformer oil at the WAPA facility at ~~22950 161st Avenue, New Underwood, SD.~~

Dear Mr. Liebelt:

The Department of Agriculture and Natural Resources (DANR) is contacting you regarding the event noted above. A copy of the initial spill report form is enclosed for your review. Based on the information provided, approximately 200 gallons of non-PCB transformer oil were released at WAPA's New Underwood facility. The procedures for the assessment and cleanup of spills such as this were developed to protect surface and groundwater resources. In this situation, DANR requires the following:

- Perform a utilities locate prior to soil excavation;
- Scrape up visually impacted soil and dispose of contaminated materials at a permitted municipal solid waste landfill;
- Provide this office with a copy of disposal receipts, as well as cleanup photos;
- By January 19, 2026, please complete and return the attached Written Contamination Incident Follow Up Report form.

Jamison Smith has been assigned as the project manager for this case. He will review the information provided and contact you if further remedial action is necessary. If you have any questions or need additional information, please do not hesitate to contact him at 605.773.3296. Thank you for your cooperation and assistance.

Sincerely,

Trish Kindt
Inspections, Compliance, & Remediation Program
(605) 773-3296

cc Dustin Willett, Pennington County EM

# INCIDENT FOLLOW-UP REPORT

(Page 1 of 2)

DANR CASE FILE #: 2025.187

**RETURN COMPLETED FORM TO:**

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES (DANR)
INSPECTION, COMPLIANCE, AND REMEDIATION PROGRAM
JOE FOSS BUILDING
523 EAST CAPITOL AVENUE
PIERRE SD 57501-3182

NAME/TYPE OF PRODUCT SPILLED: Mineral Oil

TOTAL AMOUNT OF PRODUCT SPILLED: ≅ 250 gallons

POUNDS OF ACTIVE INGREDIENT SPILLED (fertilizer/pesticide spills): None

AMOUNT OF PRODUCT RECOVERED: Oil was absorbed into ground meterial, None recovered

WAS SURFACE WATER OR GROUND WATER IMPACTED BY THE SPILL?: No

SPILL DATE: 12/19/25 DATE CLEANUP OCCURRED: Began 12/20, not completed waiting for lab results

SPILL LOCATION (physical address, directions, distance to nearest intersection or landmark, etc.):

Newell Substation [redacted] Meade Cnty Rd 194

LATITUDE/LONGITUDE: 44.5889° N, 103.2489° W

LAND USE (Residential, Commercial, Agricultural, Industrial, Other – describe): Industrial (Substation/Electrical)

RESPONSIBLE PARTY: Western Area Power Administration (WAPA)

MAILING ADDRESS: 200 4th Street SW, (Huron, SD 57350)

CITY/STATE: Huron / SD TELEPHONE NUMBER: 605-353-2500

PROPERTY OWNER: WAPA

MAILING ADDRESS: Same As Responsible Party

CITY/STATE: TELEPHONE NUMBER:

~~CONSULTANT/CLEANUP CONTRACTOR~~ Clean-up Oversight (if applicable): Greg Liebelt (WAPA-Envi Specialist)

MAILING ADDRESS PO Box 145

CITY/STATE: Fort Peck / MT 59223 TELEPHONE NUMBER: (406)230-2488 cell (406)526-8515 work

INSURANCE PROVIDER (if applicable): None (U.S. Govt.)

NAME OF INSURED:

POLICY NUMBER: CLAIM NUMBER:

MAILING ADDRESS:

CITY/STATE: TELEPHONE NUMBER:

RECEIVED
JAN 20 2026
INSPECTION, COMPLIANCE AND REMEDIATION

Original – DANR
Copy – Keep for your records.

**INCIDENT FOLLOW-UP REPORT** (Page 2 of 2)

DANR CASE FILE #: 2025.187

WAS SOIL EXCAVATED?: Yes DIMENSIONS OF EXCAVATION: _____

CUBIC YARDS EXCAVATED: ≅ 25 cy yards in initial excavation, may remove more after lab analyses.

DISPOSAL SITE (Name of Facility): Belle Fourche Landfill

DISPOSAL DATE: Not completed yet ***If soil was disposed, attach copies of disposal receipts***

**FERTILIZER/PESTICIDE SPILLS ONLY**

WAS CONTAMINATED SOIL/MATERIAL LAND APPLIED?: NA

APPLICATION DATE _____ ***Requires DANR Pre-Approval***

WAS SPILL CONTAINED TO IMMEDIATE AREA?: Yes

DISTANCE TO AND NAME OF NEAREST SURFACE WATER (include currently dry perennial streams): Approx. 1½ miles to Belle Fourche River through several stock ponds

DISTANCE TO NEAREST WATER WELL (if applicable): NA Spill contained in upper 3-ft.

OWNER OF NEAREST WATER WELL (if applicable): _____

DESCRIBE RESPONSE ACTION AND ADDITIONAL WORK PLANNED:

The spill occurred as a result of a cable tray cover (approx. 4'x4') made of metal that became airborne during a strong storm w/ wind gusts estimated at 110 mph. The metal cover hit a portion of the transformer radiator causing a leak that sprayed the oil over a large surface area as it became airborne.

FORM COMPLETED BY: Greg Liebelt DATE: 1/14/26

E-MAIL ADDRESS: liebelt@wapa.gov

Original – DANR
Copy – Keep for your records.

**DEPARTMENT of AGRICULTURE and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

April 10, 2026

Greg Liebelt
WAPA
PO Box 145
Fort Peck, MT 59223

Re: No Further Action designation for DANR File # 2025.187: pertaining to a release of non-PCB transformer oil at the WAPA facility at 22950 161st Avenue, New Underwood, SD.

Dear Mr. Liebelt:

The Department of Agriculture and Natural Resources (DANR) has reviewed the available information regarding the non-PCB mineral oil release and determined further investigation is unwarranted. As a result of this determination, DANR is assigning this case a No Further Action designation. DANR has determined, based on available information, there is no current risk to human health and no additional risk to the environment.

Please note, if future problems arise from the remaining contamination, WAPA may be responsible for conducting additional assessment or remediation. The No Further Action designation will be recorded in DANR's release database and can be found at https://apps.sd.gov/NR42InteractiveMap.

Thank you for your cooperation in protecting the ground water resources of South Dakota. If you have questions or concerns about this site's No Further Action designation, please contact Jamison Smith of my staff at (605) 773-3296.

Sincerely,

Hunter Roberts
Secretary

cc: Dustin Willett, Pennington County EM

**DEPARTMENT of AGRICULTURE and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

# MEMORANDUM

**To:** Terry Florentz, P.E., Administrator
Inspection, Compliance, and Remediation Program

**From:** Jamison Smith, Environmental Scientist I
Inspection, Compliance, and Remediation Program

**Date:** April 10, 2026

**Subject:** No Further Action designation for DANR File # 2025.187: pertaining to a release of non-PCB transformer oil at the WAPA Newell Substation.

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**Background Information**
On December 19, 2025, DANR received a call from Greg Liebelt of Western Area Power Administration (WAPA) to report a release of transformer oil at one of their substations. The spill location was initially reported as WAPA's New Underwood facility but was later corrected to their Newell substation. High winds blew a cable tray cover into the transformer radiator, causing the release. An estimated 200 gallons of transformer mineral oil were released, with much of it in close proximity to the transformer pad.

**Investigation & Remediation**
WAPA conducted a remedial excavation and disposed of the contaminated soils at the Belle Fourche Landfill. Approximately 27 cubic yards of soil were removed, and samples were taken post-excavation. Sample results showed concentrations up to 23,500 parts per million (ppm) TPH-D. Analysis of TPH-D is accepted as a measure of remaining contamination due to the overlapping analytical ranges of mineral oil and diesel hydrocarbons.

Investigation of the surrounding area showed no surface water receptors in the vicinity. Given the lack of receptors nearby, and the low mobility of mineral oil in soil, it was determined that there is little risk associated with the remaining contamination.

**Recommendation**
Due to the lack of significant risk posed by the remaining contamination and taking into consideration the stability of structures in the switchyard, I recommend that it be allowed to naturally attenuate, and this case be assigned No Further Action Status.

**MIDCONTINENT**
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

| | |
|---|---|
| Sample Site: | N-P1-TPH |
| Project Name: | Newell Spill |
| Sampled: | 01/12/26 at 04:45 PM by Greg Liebelt |
| Sample Matrix: | Soil |
| Lab ID#: | 20260113541 |
| Received: | 01/13/26 at 12:00 PM by Shela Carpenter |
| Account: | 4540 - Greg Liebelt |

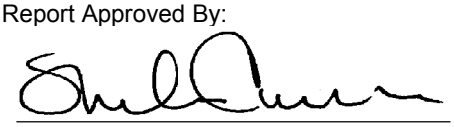
GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date |
|---|---|---|---|---|---|---|---|
| **Semi-Volatile** | | | | | | | |
| TPH Diesel | 23500 | mg/kg | 80 | 339 | 800 | SW846 8015B-S | SAC 01/19/26 |
| **Extraction** | | | | | | | |
| Extraction TPH/SOC | 1.00 | none | 1 | | | SW846 3550 | SAC 01/16/26 |

## Quality Control Data

| Parameter | Result | Limits | DF | Method | Analyst/Date |
|---|---|---|---|---|---|
| **Surrogate Recovery-SV** | | | | | |
| Ortho-Terphenyl | D-Surrogate not calculated due to dilution. | | | | |

Report Approved By:



Report Approved On: 1/22/2026 12:53:58 PM

**MIDCONTINENT**
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

| | |
|---|---|
| Sample Site: | N-P1-PCB |
| Project Name: | Newell Spill |
| Sampled: | 01/12/26 at 04:45 PM by Greg Liebelt |
| Sample Matrix: | Soil |
| Lab ID#: | 20260113542 |
| Received: | 01/13/26 at 12:00 PM by Shela Carpenter |
| Account: | 4540 - Greg Liebelt |

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | Method | Analyst/Date |
|---|---|---|---|---|---|

**Notes:**
PCB analysis was performed by Alliance Technical Group-Akron. See attached report.

Report Approved By:



Report Approved On: 1/26/2026 3:39:57 PM

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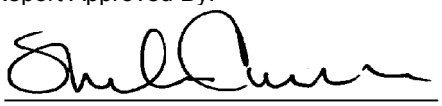
Sample Site: N-P1-TCLP
Project Name: Newell Spill
Sampled: 01/12/26 at 04:45 PM by Greg Liebelt
Sample Matrix: Soil

Lab ID#: 20260113543
Received: 01/13/26 at 12:00 PM by Shela Carpenter
Account: 4540 - Greg Liebelt

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date | |
|---|---|---|---|---|---|---|---|---|
| **Metals - TCLP** | | | | | | | | |
| Arsenic (As) | < 0.005 | mg/L | 10 | 0.0004 | 0.005 | EPA SW846 6020 | TNA | 01/16/26 |
| Barium (Ba) | 1.89 | mg/L | 10 | 0.00073 | 0.005 | EPA SW846 6020 | TNA | 01/16/26 |
| Cadmium (Cd) | 0.003 | mg/L | 10 | 0.00041 | 0.001 | EPA SW846 6020 | TNA | 01/16/26 |
| Chromium (Cr) | < 0.001 | mg/L | 1 | 0.000011 | 0.000 | EPA SW846 6020 DRC | TNA | 01/16/26 |
| Lead (Pb) | < 0.001 | mg/L | 10 | 0.00015 | 0.001 | EPA SW846 6020 | TNA | 01/16/26 |
| Mercury (Hg) | < 0.0002 | mg/L | 1 | 0.000033 | 0.0002 | EPA SW846 7471B | GRT | 01/16/26 |
| Selenium (Se) | < 0.005 | mg/L | 10 | 0.00048 | 0.005 | EPA SW846 6020 | TNA | 01/16/26 |
| Silver (Ag) | < 0.001 | mg/L | 10 | 0.000074 | 0.001 | EPA SW846 6020 | TNA | 01/16/26 |

Report Approved By:



Report Approved On: 1/22/2026 12:53:58 PM

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| | |
|---|---|
| Sample Site: | N-SP2-TPH |
| Project Name: | Newell Spill |
| Sampled: | 01/12/26 at 04:45 PM by Greg Liebelt |
| Sample Matrix: | Soil |
| Lab ID#: | 20260113544 |
| Received: | 01/13/26 at 12:00 PM by Shela Carpenter |
| Account: | 4540 - Greg Liebelt |

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date |
|---|---|---|---|---|---|---|---|
| **Semi-Volatile** | | | | | | | |
| TPH Diesel | 16300 | mg/kg | 50 | 212 | 500 | SW846 8015B-S | SAC 01/20/26 |
| **Extraction** | | | | | | | |
| Extraction TPH/SOC | 1.00 | none | 1 | | | SW846 3550 | SAC 01/16/26 |

## Quality Control Data

| Parameter | Result | Limits | DF | Method | Analyst/Date |
|---|---|---|---|---|---|
| **Surrogate Recovery-SV** | | | | | |
| Ortho-Terphenyl | D-Surrogate not calculated due to dilution. | | | | |

Report Approved By:



Report Approved On: 1/22/2026 12:53:58 PM

**MIDCONTINENT**
TESTING LABORATORIES, INC.

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(605) 348-0111 -- www.thechemistrylab.com

| | |
|---|---|
| Sample Site: | N-SP3-TPH |
| Project Name: | Newell Spill |
| Sampled: | 01/12/26 at 04:45 PM by Greg Liebelt |
| Sample Matrix: | Soil |
| Lab ID#: | 20260113545 |
| Received: | 01/13/26 at 12:00 PM by Shela Carpenter |
| Account: | 4540 - Greg Liebelt |

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date |
|---|---|---|---|---|---|---|---|
| **Semi-Volatile** | | | | | | | |
| TPH Diesel | 221 | mg/kg | 10 | 42.4 | 100 | SW846 8015B-S | SAC 01/20/26 |
| **Extraction** | | | | | | | |
| Extraction TPH/SOC | 1.00 | none | 1 | | | SW846 3550 | SAC 01/16/26 |

## Quality Control Data

| Parameter | Result | Limits | DF | Method | Analyst/Date |
|---|---|---|---|---|---|
| **Surrogate Recovery-SV** | | | | | |
| Ortho-Terphenyl | 116.7 % | (57.46) - (116.6) | 1 | SW846 8015-S QC | SAC 01/20/26 |

Report Approved By:

Report Approved On: 1/22/2026 12:53:58 PM

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(605) 348-0111 -- www.thechemistrylab.com

Sample Site: N-SK1-TPH
Project Name: Newell Spill
Sampled: 01/12/26 at 04:45 PM
by Greg Liebelt
Sample Matrix: Soil

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

Lab ID#: 20260113546
Received: 01/13/26 at 12:00 PM
by Shela Carpenter
Account: 4540 - Greg Liebelt

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date |
|---|---|---|---|---|---|---|---|
| **Semi-Volatile** | | | | | | | |
| TPH Diesel | < 10.0 | mg/kg | 1 | 4.24 | 10.0 | SW846 8015B-S | SAC 01/20/26 |
| **Extraction** | | | | | | | |
| Extraction TPH/SOC | 1.00 | none | 1 | | | SW846 3550 | SAC 01/16/26 |

## Quality Control Data

| Parameter | Result | Limits | DF | Method | Analyst/Date |
|---|---|---|---|---|---|
| **Surrogate Recovery-SV** | | | | | |
| Ortho-Terphenyl | 70.0 % | (57.46) - (116.6) | 1 | SW846 8015-S QC | SAC 01/20/26 |
| | - Result is within QC guidelines of 70 - 130% | | | | |

Report Approved By:



Report Approved On: 1/22/2026 12:53:58 PM

**MIDCONTINENT**
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(605) 348-0111 -- www.thechemistrylab.com

Sample Site: N-SK2-TPH
Project Name: Newell Spill
Sampled: 01/12/26 at 04:45 PM
by Greg Liebelt
Sample Matrix: Soil

Lab ID#: 20260113547
Received: 01/13/26 at 12:00 PM
by Shela Carpenter
Account: 4540 - Greg Liebelt

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date |
|---|---|---|---|---|---|---|---|
| **Semi-Volatile** | | | | | | | |
| TPH Diesel | < 10.0 | mg/kg | 1 | 4.24 | 10.0 | SW846 8015B-S | SAC 01/20/26 |
| **Extraction** | | | | | | | |
| Extraction TPH/SOC | 1.00 | none | 1 | | | SW846 3550 | SAC 01/16/26 |

## Quality Control Data

| Parameter | Result | Limits | DF | Method | Analyst/Date |
|---|---|---|---|---|---|
| **Surrogate Recovery-SV** | | | | | |
| Ortho-Terphenyl | 85.9 % | (57.46) - (116.6) | 1 | SW846 8015-S QC | SAC 01/20/26 |
| | - Result is within QC guidelines of 70 - 130% | | | | |

Report Approved By:



Report Approved On: 1/22/2026 12:53:58 PM

**MIDCONTINENT**
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

| | |
|---|---|
| Sample Site: | N-SK3-TPH |
| Project Name: | Newell Spill |
| Sampled: | 01/12/26 at 04:45 PM by Greg Liebelt |
| Sample Matrix: | Soil |
| Lab ID#: | 20260113548 |
| Received: | 01/13/26 at 12:00 PM by Shela Carpenter |
| Account: | 4540 - Greg Liebelt |

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date |
|---|---|---|---|---|---|---|---|
| **Semi-Volatile** | | | | | | | |
| TPH Diesel | 61.5 | mg/kg | 1 | 4.24 | 10.0 | SW846 8015B-S | SAC 01/20/26 |
| **Extraction** | | | | | | | |
| Extraction TPH/SOC | 1.00 | none | 1 | | | SW846 3550 | SAC 01/16/26 |

## Quality Control Data

| Parameter | Result | Limits | DF | Method | Analyst/Date |
|---|---|---|---|---|---|
| **Surrogate Recovery-SV** | | | | | |
| Ortho-Terphenyl | 87.4 % | (57.46) - (116.6) | 1 | SW846 8015-S QC | SAC 01/20/26 |

Report Approved By:

Report Approved On: 1/22/2026 12:53:58 PM

MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: N-SK4-TPH
Project Name: Newell Spill
Sampled: 01/12/26 at 04:45 PM by Greg Liebelt
Sample Matrix: Soil

Lab ID#: 20260113549
Received: 01/13/26 at 12:00 PM by Shela Carpenter
Account: 4540 - Greg Liebelt

GREG LIEBELT
PO BOX 145
FORT PECK, MT 59223

| Parameter | Result | Units | DF | MDL | PQL | Method | Analyst/Date |
|---|---|---|---|---|---|---|---|
| **Semi-Volatile** | | | | | | | |
| TPH Diesel | 46.3 | mg/kg | 1 | 4.24 | 10.0 | SW846 8015B-S | SAC 01/19/26 |
| **Extraction** | | | | | | | |
| Extraction TPH/SOC | 1.00 | none | 1 | | | SW846 3550 | SAC 01/16/26 |

## Quality Control Data

| Parameter | Result | Limits | DF | Method | Analyst/Date |
|---|---|---|---|---|---|
| **Surrogate Recovery-SV** | | | | | |
| Ortho-Terphenyl | 98.5 % | (56.50) - (118.1) | 1 | SW846 8015-S QC | SAC 01/19/26 |

Report Approved By:



Report Approved On: 1/22/2026 12:53:58 PM

MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com



Lab Numbers: 20260113541 - 20260113549

# QC Sample Report

| Parameter | Lab# | QC Value | Smp Value | Spike | DF | Result | Limits | Method | |
|---|---|---|---|---|---|---|---|---|---|
| **Spike** | | | | | | | | | |
| Arsenic - D | 0116207 | 0.098 | 0.009 | 0.025 | 4 | 88.8 % | (77.58) - (118.3) | EPA 200.8 | |
| Arsenic - D | 0116212 | 0.091 | < 0.002 | 0.025 | 4 | 91.1 % | (77.58) - (118.3) | EPA 200.8 | |
| Arsenic - D | 0116108 | 0.241 | < 0.005 | 0.025 | 10 | 96.3 % | (77.58) - (118.3) | EPA 200.8 | |
| Barium - D | 0116207 | 0.232 | 0.142 | 0.025 | 4 | 90.2 % | (75.95) - (114.3) | EPA 200.8 | |
| Barium - D | 0116108 | 0.271 | 0.017 | 0.025 | 10 | 101.9 % | (75.95) - (114.3) | EPA 200.8 | |
| Barium - D | 0116212 | 0.179 | 0.086 | 0.025 | 4 | 93.0 % | (75.95) - (114.3) | EPA 200.8 | |
| Cadmium - D | 0116212 | 0.089 | < 0.000 | 0.025 | 4 | 89.2 % | (78.44) - (111.8) | EPA 200.8 | |
| Cadmium - D | 0116108 | 0.239 | < 0.001 | 0.025 | 10 | 95.8 % | (78.44) - (111.8) | EPA 200.8 | |
| Cadmium - D | 0116207 | 0.087 | < 0.000 | 0.025 | 4 | 86.5 % | (78.44) - (111.8) | EPA 200.8 | |
| Chromium - D | 0116108 | 0.228 | < 0.001 | 0.025 | 10 | 91.0 % | (75.94) - (110.8) | EPA 200.8 DRC | |
| Chromium - D | 0116212 | 0.088 | < 0.000 | 0.025 | 4 | 88.3 % | (75.94) - (110.8) | EPA 200.8 DRC | |
| Chromium - D | 0116207 | 0.088 | < 0.000 | 0.025 | 4 | 87.6 % | (75.94) - (110.8) | EPA 200.8 DRC | |
| Lead - D | 0116108 | 0.2421 | < 0.0010 | 0.025 | 10 | 96.8 % | (81.81) - (108.2) | EPA 200.8 | |
| Lead - D | 0116212 | 0.0907 | < 0.0004 | 0.025 | 4 | 90.7 % | (81.81) - (108.2) | EPA 200.8 | |
| Lead - D | 0116207 | 0.0864 | < 0.0004 | 0.025 | 4 | 86.4 % | (81.81) - (108.2) | EPA 200.8 | |
| Selenium - D | 0116212 | 0.460 | < 0.002 | 0.125 | 4 | 92.1 % | (75.84) - (111.3) | EPA 200.8 | |
| Selenium - D | 0116108 | 1.21 | 0.006 | 0.125 | 10 | 96.4 % | (75.84) - (111.3) | EPA 200.8 | |
| Selenium - D | 0116207 | 0.448 | < 0.002 | 0.125 | 4 | 89.6 % | (75.84) - (111.3) | EPA 200.8 | |
| Silver - D | 0116207 | 0.0807 | < 0.0004 | 0.025 | 4 | 80.7 % | (62.25) - (117.5) | EPA 200.8 | |
| Silver - D | 0116212 | 0.0807 | < 0.0004 | 0.025 | 4 | 80.7 % | (62.25) - (117.5) | EPA 200.8 | |
| Silver - D | 0116108 | 0.2344 | < 0.0010 | 0.025 | 10 | 93.7 % | (62.25) - (117.5) | EPA 200.8 | |
| Arsenic - T | 0107704 | 0.246 | 0.007 | 0.025 | 10 | 95.6 % | (74.48) - (124.8) | EPA 200.8 | |
| Arsenic - T | 0115107 | 0.283 | 0.037 | 0.025 | 10 | 98.4 % | (74.48) - (124.8) | EPA 200.8 | |
| Barium - T | 0115107 | 0.302 | 0.025 | 0.025 | 10 | 110.6 % | (67.64) - (127.1) | EPA 200.8 | |
| Barium - T | 0107704 | 2.42 | 2.21 | 0.025 | 10 | 80.1 % | (67.64) - (127.1) | EPA 200.8 | |
| Cadmium - T | 0115107 | 0.261 | < 0.001 | 0.025 | 10 | 104.4 % | (76.98) - (109.2) | EPA 200.8 | |
| Cadmium - T | 0107704 | 0.250 | 0.001 | 0.025 | 10 | 99.52% | (76.98) - (109.2) | EPA 200.8 | |
| Chromium - T | 0107704 | 5.79 | 5.49 | 0.025 | 10 | 120.4 % | (69.45) - (115.0) | EPA 200.8 DRC | X |
| - Result is within QC guidelines of 70 - 130% | | | | | | | | | |
| Chromium - T | 0115107 | 0.257 | < 0.001 | 0.025 | 10 | 102.6 % | (69.45) - (115.0) | EPA 200.8 DRC | |
| Lead - T | 0115107 | 0.2685 | < 0.0010 | 0.025 | 10 | 107.4 % | (82.75) - (117.5) | EPA 200.8 | |
| Lead - T | 0107704 | 0.2574 | 0.0038 | 0.025 | 10 | 101.4 % | (82.75) - (117.5) | EPA 200.8 | |
| Mercury - T | 0108103 | 0.0021 | < 0.0002 | 0.002 | 1 | 102.5 % | (83.42) - (117.9) | EPA 245.1 | |
| Selenium - T | 0107704 | 1.27 | < 0.005 | 0.125 | 10 | 101.4 % | (75.05) - (113.4) | EPA 200.8 | |
| Selenium - T | 0115107 | 1.31 | < 0.005 | 0.125 | 10 | 105.2 % | (75.05) - (113.4) | EPA 200.8 | |
| Silver - T | 0115107 | 0.2495 | < 0.0010 | 0.025 | 10 | 99.78% | (69.34) - (113.2) | EPA 200.8 | |
| Silver - T | 0107704 | 0.2477 | < 0.0010 | 0.025 | 10 | 99.1 % | (69.34) - (113.2) | EPA 200.8 | |
| Arsenic - TR | 0116202 | 0.231 | < 0.005 | 0.025 | 10 | 92.5 % | (77.93) - (118.8) | EPA 200.8 | |

Lab Numbers: **20260113541 - 20260113549**

| Parameter | Lab# | QC Value | Smp Value | Spike | DF | Result | Limits | Method |
|---|---|---|---|---|---|---|---|---|
| **Spike** | | | | | | | | |
| Barium - TR | 0116202 | 0.292 | 0.041 | 0.025 | 10 | 100.2 % | (77.61) - (107.5) | EPA 200.8 |
| Cadmium - TR | 0116202 | 0.2415 | < 0.0010 | 0.025 | 10 | 96.6 % | (76.13) - (110.0) | EPA 200.8 |
| Chromium - TR | 0116202 | 0.2262 | < 0.0010 | 0.025 | 10 | 90.5 % | (73.71) - (111.9) | EPA 200.8 DRC |
| Lead - TR | 0116202 | 0.2436 | < 0.0010 | 0.025 | 10 | 97.4 % | (75.01) - (112.8) | EPA 200.8 |
| Selenium - TR | 0116202 | 1.24 | 0.011 | 0.125 | 10 | 98.3 % | (76.19) - (111.1) | EPA 200.8 |
| Silver - TR | 0116202 | 0.2405 | < 0.0010 | 0.025 | 10 | 96.2 % | (64.25) - (112.4) | EPA 200.8 |
| TPH-Diesel | 0113549 | 212 | 46.3 | 200 | 1 | 83.0 % | (55.09) - (111.3) | SW846 8015B-S |
| **Matrix Spike Duplicate** | | | | | | | | |
| Arsenic - D | 0116212 | 0.091 | 0.091 | | 4 | -0.077% | (-8.114) - (7.404) | EPA 200.8 |
| Arsenic - D | 0116108 | 0.239 | 0.241 | | 10 | -0.734% | (-8.114) - (7.404) | EPA 200.8 |
| Arsenic - D | 0116207 | 0.098 | 0.098 | | 4 | 0.081% | (-8.114) - (7.404) | EPA 200.8 |
| Barium - D | 0116108 | 0.270 | 0.271 | | 10 | -0.591% | (-6.188) - (6.204) | EPA 200.8 |
| Barium - D | 0116207 | 0.238 | 0.232 | | 4 | 2.34% | (-6.188) - (6.204) | EPA 200.8 |
| Barium - D | 0116212 | 0.176 | 0.179 | | 4 | -1.57% | (-6.188) - (6.204) | EPA 200.8 |
| Cadmium - D | 0116108 | 0.243 | 0.239 | | 10 | 1.43% | (-9.090) - (8.804) | EPA 200.8 |
| Cadmium - D | 0116212 | 0.090 | 0.089 | | 4 | 0.904% | (-9.090) - (8.804) | EPA 200.8 |
| Cadmium - D | 0116207 | 0.088 | 0.087 | | 4 | 1.53% | (-9.090) - (8.804) | EPA 200.8 |
| Chromium - D | 0116108 | 0.223 | 0.228 | | 10 | -2.14% | (-17.21) - (15.68) | EPA 200.8 DRC |
| Chromium - D | 0116207 | 0.089 | 0.088 | | 4 | 1.29% | (-17.21) - (15.68) | EPA 200.8 DRC |
| Chromium - D | 0116212 | 0.088 | 0.088 | | 4 | -0.899% | (-17.21) - (15.68) | EPA 200.8 DRC |
| Lead - D | 0116108 | 0.2445 | 0.2421 | | 10 | 0.974% | (-10.88) - (9.697) | EPA 200.8 |
| Lead - D | 0116212 | 0.0889 | 0.0907 | | 4 | -1.96% | (-10.88) - (9.697) | EPA 200.8 |
| Lead - D | 0116207 | 0.0877 | 0.0864 | | 4 | 1.48% | (-10.88) - (9.697) | EPA 200.8 |
| Selenium - D | 0116207 | 0.456 | 0.448 | | 4 | 1.74% | (-7.595) - (7.778) | EPA 200.8 |
| Selenium - D | 0116108 | 1.20 | 1.21 | | 10 | -1.10% | (-7.595) - (7.778) | EPA 200.8 |
| Selenium - D | 0116212 | 0.459 | 0.460 | | 4 | -0.392% | (-7.595) - (7.778) | EPA 200.8 |
| Silver - D | 0116212 | 0.0795 | 0.0807 | | 4 | -1.45% | (-12.18) - (12.98) | EPA 200.8 |
| Silver - D | 0116108 | 0.2378 | 0.2344 | | 10 | 1.46% | (-12.18) - (12.98) | EPA 200.8 |
| Silver - D | 0116207 | 0.0834 | 0.0807 | | 4 | 3.38% | (-12.18) - (12.98) | EPA 200.8 |
| Arsenic - T | 0115107 | 0.272 | 0.283 | | 10 | -4.10% | (-10.61) - (10.49) | EPA 200.8 |
| Arsenic - T | 0107704 | 0.243 | 0.246 | | 10 | -1.24% | (-10.61) - (10.49) | EPA 200.8 |
| Barium - T | 0115107 | 0.292 | 0.302 | | 10 | -3.18% | (-8.539) - (10.64) | EPA 200.8 |
| Barium - T | 0107704 | 2.38 | 2.42 | | 10 | -1.35% | (-8.539) - (10.64) | EPA 200.8 |
| Cadmium - T | 0107704 | 0.247 | 0.250 | | 10 | -1.06% | (-9.231) - (8.570) | EPA 200.8 |
| Cadmium - T | 0115107 | 0.254 | 0.261 | | 10 | -2.93% | (-9.231) - (8.570) | EPA 200.8 |
| Chromium - T | 0107704 | 5.76 | 5.79 | | 10 | -0.477% | (-16.85) - (15.52) | EPA 200.8 DRC |
| Chromium - T | 0115107 | 0.252 | 0.257 | | 10 | -1.77% | (-16.85) - (15.52) | EPA 200.8 DRC |
| Lead - T | 0115107 | 0.2630 | 0.2685 | | 10 | -2.10% | (-15.27) - (13.40) | EPA 200.8 |
| Lead - T | 0107704 | 0.2551 | 0.2574 | | 10 | -0.913% | (-15.27) - (13.40) | EPA 200.8 |
| Mercury - T | 0108103 | 0.0020 | 0.0021 | | 1 | -5.00% | (-9.073) - (11.49) | EPA 245.1 |
| Selenium - T | 0107704 | 1.24 | 1.27 | | 10 | -2.05% | (-9.826) - (9.841) | EPA 200.8 |
| Selenium - T | 0115107 | 1.27 | 1.31 | | 10 | -3.51% | (-9.826) - (9.841) | EPA 200.8 |
| Silver - T | 0115107 | 0.2416 | 0.2495 | | 10 | -3.21% | (-10.28) - (11.35) | EPA 200.8 |
| Silver - T | 0107704 | 0.2435 | 0.2477 | | 10 | -1.68% | (-10.28) - (11.35) | EPA 200.8 |
| Arsenic - TR | 0116202 | 0.233 | 0.231 | | 10 | 0.870% | (-8.445) - (7.468) | EPA 200.8 |

Lab Numbers: **20260113541 - 20260113549**

| Parameter | Lab# | QC Value | Smp Value | Spike | DF | Result | Limits | Method |
|---|---|---|---|---|---|---|---|---|
| **Matrix Spike Duplicate** | | | | | | | | |
| Barium - TR | 0116202 | 0.299 | 0.292 | | 10 | 2.47% | (-11.05) - (8.786) | EPA 200.8 |
| Cadmium - TR | 0116202 | 0.2436 | 0.2415 | | 10 | 0.845% | (-12.91) - (12.52) | EPA 200.8 |
| Chromium - TR | 0116202 | 0.2410 | 0.2262 | | 10 | 6.35% | (-15.99) - (15.85) | EPA 200.8 DRC |
| Lead - TR | 0116202 | 0.2506 | 0.2436 | | 10 | 2.83% | (-10.38) - (8.725) | EPA 200.8 |
| Selenium - TR | 0116202 | 1.25 | 1.24 | | 10 | 0.917% | (-8.780) - (7.442) | EPA 200.8 |
| Silver - TR | 0116202 | 0.2422 | 0.2405 | | 10 | 0.696% | (-16.77) - (14.94) | EPA 200.8 |
| TPH-Diesel | 0113549 | 198 | 212 | | 1 | -6.92% | (-29.61) - (26.68) | SW846 8015B-S |
| **Initial Calibration Verification** | | | | | | | | |
| Arsenic - D | | 0.049 | 0.050 | | 1 | -1.92% | (-5.421) - (12.44) | EPA 200.8 |
| Barium - D | | 0.051 | 0.050 | | 1 | 0.940% | (-8.006) - (8.120) | EPA 200.8 |
| Cadmium - D | | 0.052 | 0.050 | | 1 | 4.56% | (-10.10) - (8.776) | EPA 200.8 |
| Chromium - D | | 0.051 | 0.050 | | 1 | 1.84% | (-16.75) - (11.91) | EPA 200.8 DRC |
| Lead - D | | 0.0507 | 0.0500 | | 1 | 1.46% | (-8.278) - (10.86) | EPA 200.8 |
| Selenium - D | | 0.253 | 0.250 | | 1 | 1.28% | (-10.35) - (7.481) | EPA 200.8 |
| Silver - D | | 0.0529 | 0.0500 | | 1 | 5.70% | (-9.860) - (10.23) | EPA 200.8 |
| Mercury - T | | 0.0029 | 0.0030 | | 1 | -3.67% | (-13.17) - (5.339) | EPA 245.1 |
| TPH-Diesel | | 865 | 1000 | | 1 | -13.5 % | (-28.63) - (32.43) | SW846 8015B-S |
| **Continuing Calibration Verification** | | | | | | | | |
| Arsenic - D | | 0.051 | 0.050 | | 1 | 1.14% | (-15.05) - (11.82) | EPA 200.8 |
| Arsenic - D | | 0.050 | 0.050 | | 1 | 0.460% | (-15.62) - (11.42) | EPA 200.8 |
| Arsenic - D | | 0.050 | 0.050 | | 1 | -0.200% | (-15.62) - (11.42) | EPA 200.8 |
| Arsenic - D | | 0.052 | 0.050 | | 1 | 3.26% | (-15.62) - (11.42) | EPA 200.8 |
| Arsenic - D | | 0.048 | 0.050 | | 1 | -4.96% | (-15.62) - (11.42) | EPA 200.8 |
| Arsenic - D | | 0.049 | 0.050 | | 1 | -2.24% | (-15.62) - (11.42) | EPA 200.8 |
| Arsenic - D | | 0.050 | 0.050 | | 1 | 0.780% | (-15.62) - (11.42) | EPA 200.8 |
| Barium - D | | 0.050 | 0.050 | | 1 | 0.760% | (-15.41) - (8.837) | EPA 200.8 |
| Barium - D | | 0.051 | 0.050 | | 1 | 1.74% | (-15.25) - (9.134) | EPA 200.8 |
| Barium - D | | 0.053 | 0.050 | | 1 | 6.76% | (-15.25) - (9.134) | EPA 200.8 |
| Barium - D | | 0.053 | 0.050 | | 1 | 6.52% | (-15.25) - (9.134) | EPA 200.8 |
| Barium - D | | 0.052 | 0.050 | | 1 | 3.14% | (-15.25) - (9.134) | EPA 200.8 |
| Barium - D | | 0.050 | 0.050 | | 1 | -0.180% | (-15.25) - (9.134) | EPA 200.8 |
| Barium - D | | 0.049 | 0.050 | | 1 | -2.70% | (-15.25) - (9.134) | EPA 200.8 |
| Cadmium - D | | 0.049 | 0.050 | | 1 | -1.24% | (-14.86) - (11.33) | EPA 200.8 |
| Cadmium - D | | 0.047 | 0.050 | | 1 | -5.58% | (-15.44) - (9.038) | EPA 200.8 |
| Cadmium - D | | 0.048 | 0.050 | | 1 | -4.24% | (-15.44) - (9.038) | EPA 200.8 |
| Cadmium - D | | 0.050 | 0.050 | | 1 | -0.660% | (-15.44) - (9.038) | EPA 200.8 |
| Cadmium - D | | 0.050 | 0.050 | | 1 | 0.460% | (-15.44) - (9.038) | EPA 200.8 |
| Cadmium - D | | 0.052 | 0.050 | | 1 | 3.56% | (-15.44) - (9.038) | EPA 200.8 |
| Cadmium - D | | 0.051 | 0.050 | | 1 | 2.54% | (-15.44) - (9.038) | EPA 200.8 |
| Chromium - D | | 0.052 | 0.050 | | 1 | 3.96% | (-15.99) - (17.31) | EPA 200.8 DRC |
| Chromium - D | | 0.053 | 0.050 | | 1 | 6.14% | (-14.50) - (16.85) | EPA 200.8 DRC |
| Chromium - D | | 0.051 | 0.050 | | 1 | 1.14% | (-14.50) - (16.85) | EPA 200.8 DRC |
| Chromium - D | | 0.052 | 0.050 | | 1 | 4.32% | (-14.50) - (16.85) | EPA 200.8 DRC |
| Chromium - D | | 0.049 | 0.050 | | 1 | -2.56% | (-14.50) - (16.85) | EPA 200.8 DRC |

Lab Numbers: **20260113541 - 20260113549**

| Parameter | Lab# | QC Value | Smp Value | Spike | DF | Result | Limits | Method |
|---|---|---|---|---|---|---|---|---|
| **Continuing Calibration Verification** | | | | | | | | |
| Chromium - D | | 0.051 | 0.050 | | 1 | 2.08% | (-14.50) - (16.85) | EPA 200.8 DRC |
| Lead - D | | 0.0502 | 0.0500 | | 1 | 0.320% | (-15.23) - (14.11) | EPA 200.8 |
| Lead - D | | 0.0506 | 0.0500 | | 1 | 1.12% | (-12.76) - (8.479) | EPA 200.8 |
| Lead - D | | 0.0492 | 0.0500 | | 1 | -1.54% | (-12.76) - (8.479) | EPA 200.8 |
| Lead - D | | 0.0475 | 0.0500 | | 1 | -5.10% | (-12.76) - (8.479) | EPA 200.8 |
| Lead - D | | 0.0514 | 0.0500 | | 1 | 2.74% | (-12.76) - (8.479) | EPA 200.8 |
| Lead - D | | 0.0531 | 0.0500 | | 1 | 6.20% | (-12.76) - (8.479) | EPA 200.8 |
| Lead - D | | 0.0524 | 0.0500 | | 1 | 4.82% | (-12.76) - (8.479) | EPA 200.8 |
| Selenium - D | | 0.251 | 0.250 | | 1 | 0.392% | (-11.75) - (8.650) | EPA 200.8 |
| Selenium - D | | 0.259 | 0.250 | | 1 | 3.64% | (-12.74) - (8.494) | EPA 200.8 |
| Selenium - D | | 0.245 | 0.250 | | 1 | -2.16% | (-12.74) - (8.494) | EPA 200.8 |
| Selenium - D | | 0.246 | 0.250 | | 1 | -1.80% | (-12.74) - (8.494) | EPA 200.8 |
| Selenium - D | | 0.247 | 0.250 | | 1 | -1.15% | (-12.74) - (8.494) | EPA 200.8 |
| Selenium - D | | 0.246 | 0.250 | | 1 | -1.64% | (-12.74) - (8.494) | EPA 200.8 |
| Selenium - D | | 0.232 | 0.250 | | 1 | -7.09% | (-12.74) - (8.494) | EPA 200.8 |
| Silver - D | | 0.0498 | 0.0500 | | 1 | -0.480% | (-19.73) - (14.00) | EPA 200.8 |
| Silver - D | | 0.0486 | 0.0500 | | 1 | -2.90% | (-20.69) - (9.906) | EPA 200.8 |
| Silver - D | | 0.0521 | 0.0500 | | 1 | 4.28% | (-20.69) - (9.906) | EPA 200.8 |
| Silver - D | | 0.0493 | 0.0500 | | 1 | -1.42% | (-20.69) - (9.906) | EPA 200.8 |
| Silver - D | | 0.0516 | 0.0500 | | 1 | 3.20% | (-20.69) - (9.906) | EPA 200.8 |
| Silver - D | | 0.0539 | 0.0500 | | 1 | 7.76% | (-20.69) - (9.906) | EPA 200.8 |
| Silver - D | | 0.0519 | 0.0500 | | 1 | 3.78% | (-20.69) - (9.906) | EPA 200.8 |
| Mercury - T | | 0.0019 | 0.0020 | | 1 | -5.00% | (-7.722) - (6.962) | EPA 245.1 |
| Mercury - T | | 0.0019 | 0.0020 | | 1 | -4.50% | (-7.722) - (6.962) | EPA 245.1 |
| Mercury - T | | 0.0019 | 0.0020 | | 1 | -5.00% | (-7.722) - (6.962) | EPA 245.1 |
| Mercury - T | | 0.0049 | 0.0050 | | 1 | -2.80% | (-7.722) - (6.962) | EPA 245.1 |
| Mercury - T | | 0.0019 | 0.0020 | | 1 | -6.00% | (-7.722) - (6.962) | EPA 245.1 |
| Mercury - T | | 0.0010 | 0.0010 | | 1 | -5.00% | (-7.722) - (6.962) | EPA 245.1 |
| TPH-Diesel | | 865 | 1000 | | 1 | -13.5 % | (-25.14) - (13.20) | SW846 8015B-S |
| TPH-Diesel | | 934 | 1000 | | 1 | -6.60% | (-25.94) - (12.63) | SW846 8015B-S |
| TPH-Diesel | | 901 | 1000 | | 1 | -9.90% | (-25.94) - (12.63) | SW846 8015B-S |
| **Lab Control Spike** | | | | | | | | |
| TPH-Diesel | | 162 | 0.00 | 200 | 1 | 81.0 % | (68.66) - (94.54) | SW846 8015B-S |
| **Initial Calibration Blank** | | | | | | | | |
| Mercury - T | | 0.0001 | 0.000 | | 1 | 0.00006 | (-0.0001) - (0.0001) | EPA 245.1 |
| **Continuing Calibration Blank** | | | | | | | | |
| Arsenic - D | | 0.000 | 0.00 | | 1 | -0.00003 | (-0.0002) - (0.0004) | EPA 200.8 |
| Barium - D | | 0.000 | 0.00 | | 1 | 0.00001 | (0.0000) - (0.0000) | EPA 200.8 |
| Cadmium - D | | 0.000 | 0.00 | | 1 | 0.00001 | (-0.0001) - (0.0001) | EPA 200.8 |
| Chromium - D | | 0.000 | 0.00 | | 1 | 0.00003 | (0.0000) - (0.0001) | EPA 200.8 DRC |
| Lead - D | | 0.0000 | 0.000 | | 1 | 0.00001 | (0.0000) - (0.0000) | EPA 200.8 |
| Selenium - D | | 0.000 | 0.00 | | 1 | 0.00006 | (-0.0003) - (0.0005) | EPA 200.8 |
| Silver - D | | 0.0000 | 0.000 | | 1 | 0.00004 | (-0.0001) - (0.0001) | EPA 200.8 |

Lab Numbers: **20260113541 - 20260113549**

| Parameter | Lab# | QC Value | Smp Value | Spike | DF | Result | Limits | Method |
|---|---|---|---|---|---|---|---|---|
| **Continuing Calibration Blank** | | | | | | | | |
| Mercury - T | | 0.0001 | 0.000 | | 1 | 0.00005 | (-0.0001) - (0.0001) | EPA 245.1 |
| Mercury - T | | 0.0001 | 0.000 | | 1 | 0.00006 | (-0.0001) - (0.0001) | EPA 245.1 |
| Mercury - T | | 0.0001 | 0.000 | | 1 | 0.00006 | (-0.0001) - (0.0001) | EPA 245.1 |
| **Lab Reagent Blank** | | | | | | | | |
| TPH-Diesel | | 3.60 | 0.00 | | 1 | 3.6 | (-4.883) - (7.102) | SW846 8015B-S |

Approved By: 

Approved On: 01/22/2026 12:53 PM

# MIDCONTINENT TESTING LABORATORIES, INC.

2381 S. Plaza Dr. • P.O. Box 3388 • Rapid City, SD 57709
(605) 348-0111 • www.TheChemistryLab.com

## CHAIN OF CUSTODY RECORD

| | |
|---|---|
| Company | WAPA |
| Project Name / Mgr. | Newell Spill / |
| Project Number | |
| Sampled by | Signature: Greg Liebelt |
| Sampled by | Print: Greg Liebelt |

PRESERVED WITH
FILTERED (Y/N)
REFRIGERATED (Y/N)
ANALYSES REQUESTED: TPH, PCB, TCLP

**FOR LAB USE ONLY**
Seal Intact (Y/N)/Number
Sample Condition: good
Temperature of Container: 16.4°C
hand delivered

**REQUESTED TURN AROUND**
STANDARD ____ RUSH ✓

acct 4540

| | SAMPLE NAME | DATE | TIME | MATRIX | NO. OF CONTAINERS | TPH | PCB | TCLP | COMMENTS | LAB # |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N-P1 - TPH | 1/12/25 | 1645 | S | 1 | X | | | 20260113 | 541 |
| 2 | N-P1 - PCB | | | | | | X | | | 542 |
| 3 | N-P1 - TCLP | | | | | | | X | | 543 |
| 4 | [illegible] | | | | | X | | | | |
| 5 | N-SP2 - TPH | | | | | X | | | | 544 |
| 6 | N-SP3 - TPH | | | | | X | | | | 545 |
| 7 | N-SK1 - TPH | | | | | X | | | | 546 |
| 8 | N-SK2 - TPH | | | | | X | | | | 547 |
| 9 | N-SK3 - TPH | | | | | X | | | | 548 |
| 10 | N-SK4 - TPH | | | | | X | | | | 549 |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |

| RELINQUISHED BY (Signature) | COMPANY NAME | DATE | TIME | RECEIVED BY (Signature) | COMPANY NAME | DATE | TIME |
|---|---|---|---|---|---|---|---|
| Greg Liebelt | WAPA | 1/13/25 | 1200 | [signature] | MCT | 1/13/26 | 1200 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

FORM 113D

MIDCONTINENT TESTING LABORATORIES

# SAMPLE RECEIPT CHECKLIST

Company Name: Wapa
Project: Newell Spill
Lab Number(s): 2026011354 1-549
Date/Time Received: 1/13/26 (Date) / 1200 (Time)
Received by: Shela
Carrier Name: Hand Delivered

## UNPACKING

| Yes | No | | Initials |
|---|---|---|---|
| ☑ | ☐ | 1. Shipping container in good condition? | |
| ☐ | ☑ | 2. Custody seals present on shipping container? Condition: Intact Broken | |
| ☐ | ☑ | 3. Ice / Blue Ice (circle one) present in shipping container? **Within 24hrs** (Yes) / No Container(s) Temp. 1. 16.4 2. _____ 3. _____ 4. _____ | |
| ☐ | ☑ | 4. Bottles broken and/or leaking? (Photograph broken bottles.) | |
| ☐ | ☑ | 5. Custody seals on sample bottles? Condition: Intact Broken | |

## LABELING

| Yes | No | | Initials |
|---|---|---|---|
| ☑ | ☐ | 6. Chain of custody Present? | |
| ☑ | ☐ | 7. Chain of custody includes signatures, dates, and times when relinquished and received? | |
| ☑ | ☐ | 8. Chain of custody agrees with bottle count? | |
| ☑ | ☐ | 9. Chain of custody agrees with labels? | |
| ☑ | ☐ | 10. Samples received within holding times? | |
| ☑ | ☐ | 11. Samples in proper container? | |
| ☑ | ☐ | 12. Sufficient sample volume for indicated tests? | |

## PRESERVATIVE

| Yes | No | | Initials | Yes | No | | Initials |
|---|---|---|---|---|---|---|---|
| ☐ | ☐ | 13. Metals bottle(s) pH < 2? | | ☐ | ☐ | 17. TOC bottle(s) pH < 2? | |
| ☐ | ☐ | 14. Nutrient bottle(s) pH < 2? | | ☐ | ☐ | 18. Oil & Grease bottle(s) pH < 2? | |
| ☐ | ☐ | 15. Cyanide bottle(s) pH > 12? | | ☐ | ☐ | 19. Volatiles pH < 2? | |
| ☐ | ☐ | 16. Sulfide bottle(s) pH > 9? | | | | | |

**COMMENTS:**

F:\A-Organic\SampleReceipt-Checklist\SampleReceipt.pdf

Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: http://www.settek.com

# Analytical Report

(consolidated)

WO#: **26011116**

Date Reported: **1/23/2026**

**CLIENT:** ATG - RAPID CITY LAB **Collection Date:** 1/12/2026 4:45:00 PM

**Project:** Newell Spill

**Lab ID:** 26011116-001 **Matrix:** SOLID

**Client Sample ID:** 20260113542

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **PCBS BY SW8082** | | | | | **SW8082** **SW3546** | Analyst: **PGP** |
| **SVOC PCB (8082A)** | | | | | | |
| Aroclor 1016 | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Aroclor 1260 | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Aroclor 1221 | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Aroclor 1232 | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Aroclor 1242 | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Aroclor 1248 | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Aroclor 1254 | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Total PCBs | ND | 49.5 | UW | µg/Kg | 1 | 1/23/2026 1:06:00 PM |
| Surr: DCB | 43.0 | 10 - 182 | W | %Rec | 1 | 1/23/2026 1:06:00 PM |
| Surr: TCMX | 51.7 | 10 - 168 | mW | %Rec | 1 | 1/23/2026 1:06:00 PM |

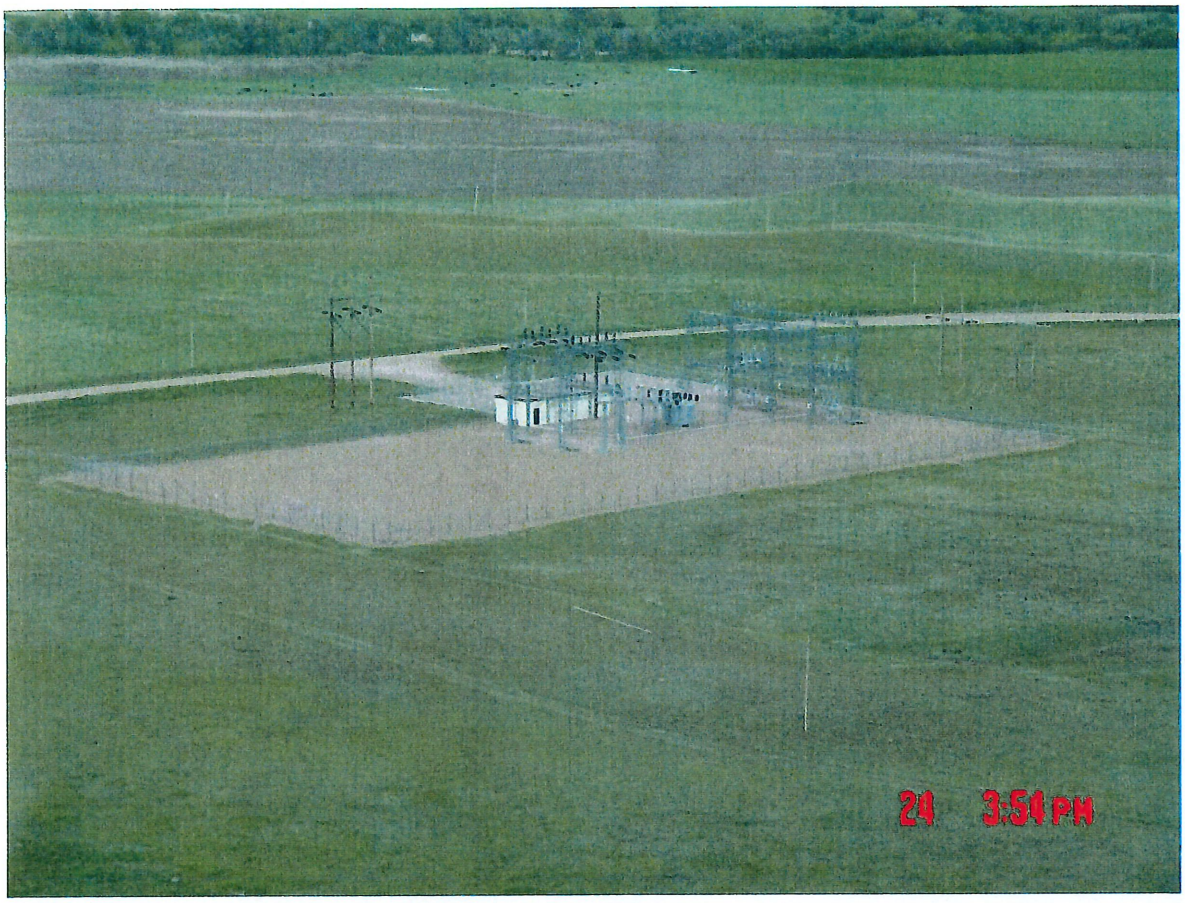
**Qualifiers:**

| | | | |
|---|---|---|---|
| H | Holding times for preparation or analysis exceeded | M | Manual Integration used to determine area response |
| ND | Not Detected | PL | Permit Limit |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| U | Samples with CalcVal < MDL | W | Sample container temperature is out of limit as specified at testcode |

Original

NEWELL SUBSTATION

SPILL PREVENTION CONTROL and COUNTERMEASURE PLAN

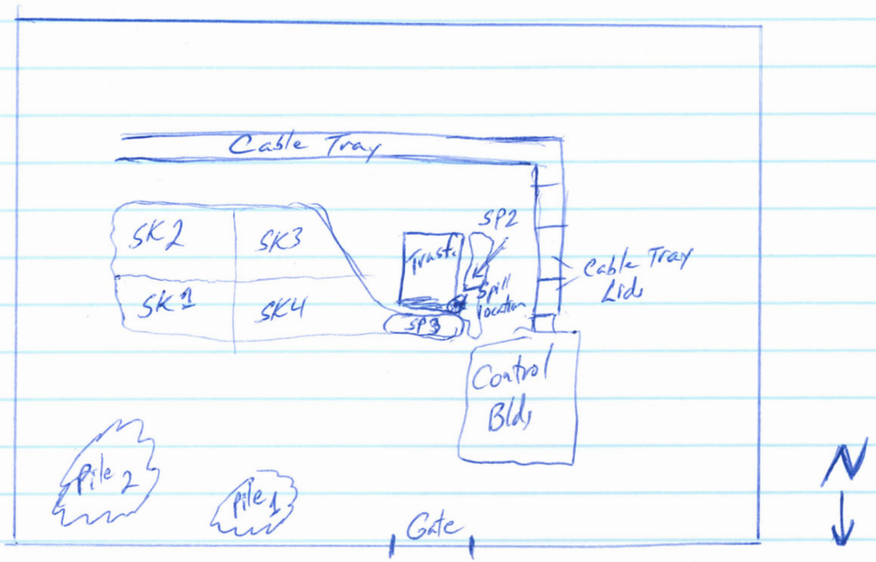



**NEWELL SUBSTATION**

**LOOKING FROM THE SOUTHWEST TO THE NORTHEAST**


Newell Substation
OIL SPILL AREA
Legend
NEWELL SUB
OIL SPILL AREA
NEWELL SUB
Area ≈ 1600 sq. ft.
Google Earth
Image © 2026 Airbus
N
100 ft

1/12/26 Newell Sub oil spill (1545) 58°F, breezy
Mike Schaeffer was on-site




SP samples were Spill area close to transf. (TPH)
SK sample were Skimmed surface area of oil from high wind (TPH)
P1 Sample was excavated matl close to transf. (TPH, PCB, TCLP)




SIEMENS








SIEMEN

City of Belle Fourche
Belle Fourche Landfill
511 6th Ave
Belle Fourche, SD 57717

Weighed: CK
Deposit: chelsea

DUPLICATE TICKET

BILL TO: 0
Cash Customer
Cash Customer

Vehicle ID:
Reference: E305654
NAME: WHITE FORD/TRLR
Origin: BUTTE CO
Grid: LOOSEFILL

DATE IN: 02/25/26 TIME IN: 12:29:57
DATE OUT: 02/25/26 TIME OUT: 12:41:59

INBOUND
Ticket Number: 02-00061585

| | | |
|---|---|---|
| SCALE 1 GROSS WEIGHT | 25260 | LBS |
| MANUAL TARE WEIGHT | 16960 | LBS |
| NET WEIGHT | 8300 | LBS |

** REPRINTED BY **
CK at 12:42:15

| Qty | Description | | Amount |
|---|---|---|---|
| 4.15 | Contaminated Soil | | 207.50 |
| | RATE: | 50.00 | |
| 1.00 | Convenience Fee | | 6.17 |
| | RATE: | 6.17 | |
| | Gate Taxes | | 12.87 |
| | TICKET AMOUNT: | | 226.54 |
| | CARD/AUTH F#097968 | | 226.54 |

X_____

Marty Trove

City of Belle Fourche
Belle Fourche Landfill
511 6th Ave
Belle Fourche, SD 57717

Weighed: CK

DUPLICATE TICKET

BILL TO: 0
Cash Customer
Cash Customer

Vehicle ID:
Reference: E305654
NAME: WHITE FORD/TRLR

DATE IN: 02/25/26 TIME IN: 10:17:42
DATE OUT: 02/25/26 TIME OUT: 10:29:30

INBOUND
Ticket Number: 02-00061562

| | | |
|---|---|---|
| SCALE 1 GROSS WEIGHT | 23880 | LBS |
| MANUAL TARE WEIGHT | 16980 | LBS |
| NET WEIGHT | 6900 | LBS |

** REPRINTED BY **
CK at 10:29:37

| Qty | Description | | Amount |
|---|---|---|---|
| 1.00 | Convenience Fee | | 5.13 |
| | RATE: | 5.13 | |
| 3.45 | Contaminated Soil | | 172.50 |
| | RATE: | 50.00 | |
| | Gate Taxes | | 10.70 |
| | TICKET AMOUNT: | | 188.33 |

X_____

Marty Trove

City of Belle Fourche
Belle Fourche Landfill
511 6th Ave
Belle Fourche, SD 57717

Weighed: CK

DUPLICATE TICKET

BILL TO: 0
Cash Customer
Cash Customer

Vehicle ID:
Reference: E51913
NAME: BLUE DMPTRCK

DATE IN: 02/25/26 TIME IN: 12:29:02
DATE OUT: 02/25/26 TIME OUT: 12:37:29

INBOUND
Ticket Number: 02-00061584

| | | |
|---|---|---|
| SCALE 1 GROSS WEIGHT | 46660 | LBS |
| MANUAL TARE WEIGHT | 26000 | LBS |
| NET WEIGHT | 20660 | LBS |

** REPRINTED BY **
CK at 12:37:34

| Qty | Description | | Amount |
|---|---|---|---|
| 1.00 | Convenience Fee | | 15.36 |
| | RATE: | 15.36 | |
| 10.33 | Contaminated Soil | | 516.50 |
| | RATE: | 50.00 | |
| | Gate Taxes | | 32.02 |
| | TICKET AMOUNT: | | 563.88 |

X_____

Marty Trouc

City of Belle Fourche
Belle Fourche Landfill
511 6th Ave
Belle Fourche, SD 57717

Weighed: CK
Deposit: chelsea

DUPLICATE TICKET

BILL TO: 0
Cash Customer
Cash Customer

Vehicle ID:
Reference: PRE51913
NAME: BLUE DMP TRCK
Origin: BUTTE CO
Grid: LOOSEFILL

DATE IN: 02/25/26 TIME IN: 10:16:19
DATE OUT: 02/25/26 TIME OUT: 10:25:25

INBOUND
Ticket Number: 02-00061561

| | | |
|---|---|---|
| SCALE 1 GROSS WEIGHT | 43780 | LBS |
| MANUAL TARE WEIGHT | 26180 | LBS |
| NET WEIGHT | 17600 | LBS |

** REPRINTED BY **
CK at 10:25:37

| Qty | Description | | Amount |
|---|---|---|---|
| 8.80 | Contaminated Soil | | 440.00 |
| | RATE: | 50.00 | |
| 1.00 | Convenience Fee | | 13.08 |
| | RATE: | 13.08 | |
| | Gate Taxes | | 27.28 |
| | TICKET AMOUNT: | | 480.36 |
| | CARD/AUTH F#002914 | | 480.36 |

X_____

Marty Trouc