South Dakota Spill Report Form

PRCF #: **Case #:** 2025.177

Reported (MM/DD/YY): 12/5/25	Time: 3:08 pm central	Recorded By: TK

A. REPORTER

Reported By: Dan Hanson

Organization Name: GeoTek Engineering & Testing Services, Inc. ☐ Discharger ☐ Public ☐ State ☐ Local ☐ Federal

Phone: 605-335-5512 Email:

Address: 909 East 50th Street North

City: Sioux Falls State: SD Zip: 57104

B. DISCHARGER (Responsible Party) As Above in A ☐

Name: Gilt Edge Mine Superfund Site - Paul Hight

Address: 11898 Gilt Edge Road

City: Deadwood State: SD Zip: 57732

Phone: (605)578-2773 Email:

C. INCIDENT DATE & LOCATION As Above In B ☒

Spill Date: (MM/DD/YY) Spill Time:

Street or Approx. Location:

Survey Description: Lat: 44.33200 Long: 103.670480.

City: Deadwood County: Lawrence State: SD Zip: 57732

D. MATERIAL

Material type (Code/Name): ☐ Hazardous Substance ☐ Material Unknown ☐ Oil ☑ Other	Quantity Spilled	Spilled in Water	Units (Check one)	
fuel and motor oil	unknown		☐ 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: One used oil tank, one 1000-gallon gasoline tank, one 4000-gallon dyed diesel fuel, one 500 gallon highway fuel

Regulated Tank Facility: ☑ Tank Facility ID #: 0900079

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: Petroleum contamination associated with historic use

H. DAMAGES

# of Injuries: 0 # of Fatalities: 0

I. ACTIONS

Response Action Taken:

K. NOTIFIED

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

Agencies Notified: DANR

K. COMMENTS

Comments:
This event involved the removal of four above ground storage tanks from the Glint Edge Mine. GeoTek Engineering was retained as the consultant on this project. The tanks were removed prior to the sampling GeoTek performed on October 29, 2025. Contamination below the SD DANR action levels was encountered.

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
PO BOX 6221
221 MALL DRIVE, SUITE 201
RAPID CITY SD 57709-6221
danr.sd.gov

December 10, 2025

Paul Hight
Senior Site Manager
HydroGeoLogic, Inc.
11898 Gilt Edge Road
Deadwood, South Dakota 57732

Re: Closure of Department of Agriculture and Natural Resources File Number – 2025.177. Pertaining to petroleum hydrocarbon concentrations measured in clearance samples collected following the removal of an aboveground storage tank system (AST Facility #0900079), 11898 Gilt Edge Road, Deadwood, South Dakota.

Dear Mr. Hight:

The South Dakota Department of Agriculture and Natural Resources (DANR) has reviewed the information available regarding the contamination referenced above and determined further assessment is unwarranted. Laboratory analyses indicate petroleum hydrocarbon concentrations were below DANR Tier 1 Trigger Levels, and the potential for risk to any human health or environmental receptor is negligible. As a result of this determination, DANR is granting this release case Closure classification. The Closure 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 groundwater resources of South Dakota. If you have questions or concerns about this site's Closure designation, please contact Zach Burggraff at (605) 394-2229.

Sincerely,

Terry Florentz, P.E., Administrator
Inspection, Compliance, and Remediation Program
(605) 773-3296

Cc: Dan Hanson, PE, GeoTek Engineering & Testing Services, Inc., Sioux Falls, SD
Mark Lawrensen, DANR, Pierre, SD
Zach Burggraff, DANR, Rapid City, SD

RECEIVED
By TK at 10:34 am, Dec 08, 2025

GEOTEK ENGINEERING
& TESTING SERVICES, INC.
909 East 50th Street North
Sioux Falls, South Dakota 57104
605-335-5512 Fax 605-335-0773

December 5, 2025

Gilt Edge Mine Superfund Site
11898 Gilt Edge Road
Deadwood, SD 57732

Attn: Paul Hight

Subj: Tier 1 Assessment
Aboveground Storage Tank (AST) Closure
Former Fuel Depot
Gilt Edge Mine Superfund Site
11898 Gilt Edge Road
Deadwood, SD
GeoTek #25-1906

Dear Mr. Hight:

Introduction

This correspondence presents the results of Tier 1 Assessment completed following removal of the aboveground petroleum storage tanks (AST) at the referenced site. This work was completed to provide required information and data to the South Dakota Department of Agriculture and Natural Resources (DANR) formerly related to the closure of the petroleum ASTs. Our work was performed in accordance with your Purchase Order 2025-00326.

We are transmitting one copy of our report. Additional copies are being sent as noted below.

Background Information

The Site is located southeast of the towns of Lead and Deadwood in Lawrence County, South Dakota (Figure 1). The U.S. Army Corps of Engineers (USACE) has been designated as the contract procurement and technical assistance support to implement remedial activities at the Site for U.S. Environmental Protection Agency (EPA), as the lead agency, and South Dakota Department of Agriculture & Natural Resources (SD DANR) formerly the South Dakota Department of Environment and Natural Resources (SD DENR), as the support agency. The Site is an abandoned open-pit, cyanide heap leach gold mine developed in highly sulfuric rock. Beginning in the late 1800s, the area has been mined intermittently by several operators.

Historical underground mining operations extracted sulfide-bearing gold ores from irregular deposits in veins and fracture zones in the igneous rocks. Mining activities continued through May 1998, and the SD DENR assumed water treatment operations in 1999. The Site was placed on the National Priorities List in December 2000. The primary mine disturbance area covers approximately 360 acres.

Wastes associated with mining activities included waste rock, tailings, and spent ores contaminated with numerous metals. Acid rock drainage (ARD) is produced when these mining wastes are exposed to water and oxygen. Contaminants of concern in soil, sediment, surface water, and groundwater are the metals arsenic, selenium, silver, cadmium, chromium, copper, iron, manganese, lead, mercury, nickel, and zinc; weak acid dissociable cyanide; and nitrate, sulfate, total dissolved solids, and total suspended solids. Elevated pH also is a concern at the Site. The presence of hazardous materials lead to the site being designated as a Superfund site.

The Site currently consists of a heap leach pad (HLP) in addition to several abandoned ore extraction pits (Figure 2). The HLP covers 27 acres with approximately 2.4 million tons of spent ore remaining on the pad. There also are surge and stormwater ponds, which are constructed with high density polyethylene (HDPE) primary liners and HDPE and soil composite secondary liners. Operable Unit 2 (OU2) includes surface and groundwater contamination, and the collection and treatment of the ARD-contaminated water generated at the Site to protect receiving waters. An on-site water treatment plant (WTP) treats ARD produced by the Ruby Waste Rock Dump, site wide ARD formed as a result of precipitation, and ARD pumped down from storage in on-site pits and impoundments. The on-site buildings and treatment facilities are connected by Supervisory Control and Data Acquisition (SCADA) system components and operability to support water collection, water storage, and continuous, automated operation of the WTP.

The area for this work consists of a fueling depot (see Figure 3). We understand the fueling depot has been in place for more than 30 years. The approximate GPS location of the fueling depot is latitude 44.33200/longitude -103.670480. The tank depot consisted of the following 4 AST that were contained within a geosynthetic lined secondary containment (see photos 1 and 2).

- 1 tank, used oil (estimated less than 750 gallons)
- 1 tank, 1,000-gallon gasoline
- 1 tank, 4,000-gallon dyed diesel fuel
- 1 tank, 500-gallon clear highway diesel fuel

Purpose and Scope

The purpose of our work was to complete tank closure sampling at the site. Based on our understanding of the project, the scope of our work was limited to the following:

1. Mobilizing environmental personnel to the site to collect soil samples from the approximate locations of the former aboveground storage tanks (ASTs).

2. Screening collected soil samples with a photoionization detector (PID) for organic vapors

as an indication of petroleum contamination.

3. Submitting additional soil samples to a chemistry laboratory for analysis of BTEX, naphthalene, total petroleum hydrocarbons (TPH) as gasoline, and total extractable hydrocarbons (TEH) as diesel/used oil and 8 Resource Conservation and Recovery Act (RCRA) metals using the Toxicity Characteristic Leaching Procedure (TCLP).

4. Preparing a report presenting the field and laboratory data collected during the project, along with our opinions and recommendations.

Project Results

We visited the site on October 29, 2025. At the time of our visit the four ASTs had been removed. There was no evidence of underground piping or aboveground dispensers.

Based on our site observations and the previous photos provided of the ASTs (see attached photos 1 & 2), soil sampling locations were selected. This included 7 soil sample locations below the former ASTs and geosynthetic liner and 1 soil sample location along the berm from above the geosynthetic liner. The 8 soil sample locations are illustrated on Figure 4 and photo #3. At the 7 locations below the former ASTs/membrane liner, an approximate 1 foot by 1 foot hole was cut in the membrane liner to expose the soil directly below the membrane liner. The exposed soil consisted of a processed sand material.

Soil samples were collected at each of the 8 sample locations and were scanned in the field with a photoionization detector (PID) for organic vapors as an indication of petroleum contamination. The resulting PID data is provided on Table 1. Detectable PID readings were not measured in the soil samples. Visual or olfactory evidence of petroleum contamination was also not observed at the 8 sample locations.

Additional soil samples were collected at each of the 8 sample locations for laboratory analysis. The samples were placed on ice, under chain-of-custody procedures and transported to Mid-Continent Labs in Rapid City, South Dakota for analysis of benzene, toluene, ethylbenzene, xylenes (BTEX), total petroleum hydrocarbons (TPH) as gasoline, naphthalene, and total extractable hydrocarbons (TEH) as diesel & waste oil. The samples were also analyzed for the 8 RCRA metals using the Toxicity Characteristic Leaching Procedure (TCLP). The laboratory analytical report is provided in Attachment A.

A summary of the petroleum analytical results is provided on Table 2. A review of the petroleum analytical data indicates BTEX, TPH gasoline and naphthalene were not detected above the reporting limits. TEH were detected in all samples at concentrations varying from 18.5 to 129 mg/kg. Because there were no evidence of contaminants present when the samples were collected, we asked the laboratory to perform a silica gel cleanup and rerun the samples. Slightly lower TEH concentrations were detected ranging from 15.3 to 120 mg/kg. The chromatograms indicated the presence of weathered fuel oil and motor oil range organics. Table 2 provides the SD DANR Tier 1 Action/Trigger Levels for comparison with the analytical results. The South Dakota Tier 1 Action/Trigger levels were not exceeded at the 8 sample locations.

A review of the TCLP metal analytical data indicates that none of the samples exceeded the TCLP regulatory limits.

Conclusions

The following opinions and conclusions are based on the information and data outlined above:

- Four aboveground storage tanks were removed from a geosynthetic lined secondary containment prior to our arrival;
- Soil samples were collected from 7 locations below the liner and 1 location above the liner;
- Visual or olfactory evidence of petroleum were not noted during collection of the samples;
- Soil samples from the 8 locations were scanned in the field with a photoionization detector and no responses were detected;
- Soil samples from the 8 locations were submitted to a chemistry laboratory for organic (petroleum) and TCLP metals analysis;
- With the exception of low levels of total extractable hydrocarbons, petroleum concentrations were not detected above reporting limits;
- The total extractable concentrations did not exceed the SD DANR Tier 1 Action or Triger levels;
- The TCLP metals concentrations did not exceed the regulatory limits;

Recommendations

Based on the results of our observations, soil sampling, field data, and the laboratory analytical results, no additional assessment is recommended.

A copy of this correspondence is being provided to the DANR as noted below.

Standard of Care

Recommendations contained in this report represent our professional opinions. These opinions are based on information currently available and arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Remarks

The sampling, scanning and preservation methods were completed in general accordance with the SD DANR standard operating procedures. Soil samples obtained during this work will be retained in this office for a period of thirty days from the date of this report. They will then be discarded unless we are notified otherwise.

GeoTek Engineering & Testing Services, Inc. appreciates the opportunity to have been of service on this project. Please contact us if you have questions concerning this report or project.

GEOTEK ENGINEERING & TESTING SERVICES, INC.

Daniel R Hanson, PE
Sr. Project Engineer
SD CPRR #4829

cc: Zach Burggraff, DANR, Rapid City, SD
Kayla Fawcett, DANR, Pierre, SD
Trish Kindt, DANR, Pierre, SD

TABLE 1
SOIL SAMPLE PID DATA

Sample Number	Location	Depth (inch)	PID Reading (ppm)
1*	Below Waste Oil & Clear Diesel	0-3	ND
2*	Below Platform	0-3	ND
3*	Below Diesel AST	0-3	ND
4*	Below Dye	0-3	ND
5*	Below Gas AST	0-3	ND
6*	Below Open Area	0-3	ND
7*	Below Open Area	0-3	ND
8*	South Sidewall	0-3	ND

Notes: *Additional sample from this location submitted for laboratory analysis.
ND = Not Detected
See Figure 4 for approximate sample locations.

TABLE 2
SUMMARY OF SOIL PETROLEUM ANALYTICAL DATA

Sample Number/ Location	Depth (inch)	PID Response (ppm)	Benzene	Toluene	Ethyl-Benzene	Xylenes	TPH as Gasoline	Naphth-alene	TEH as Diesel/ Waste Oil
#1/Below Waste Oil &[1]	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	15.3
#2/Below Platform	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	61.2
#3/Below Diesel AST	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	72.5
#4/Below Dye	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	16.4
#5/Below Gas AST	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	123
#6/Below Open Area	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	89.4
#7/Below Open Area	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	30.0
#8/South Sidewall	0-3	ND	<0.050	<0.100	<0.100	<0.200	<10.0	<0.200	37.6
SD Tier 1 Action/Trigger Levels			**0.2**	**15**	**10**	**300**	**500**	**25**	**500**

Notes: [1]Clear Diesel ASTs
All analytical values are in mg/kg which is equivalent to parts per million (ppm).
Samples 1 through 7 collected directly below liner, sample 8 collected above liner
See Figure 4 for approximate sample locations.



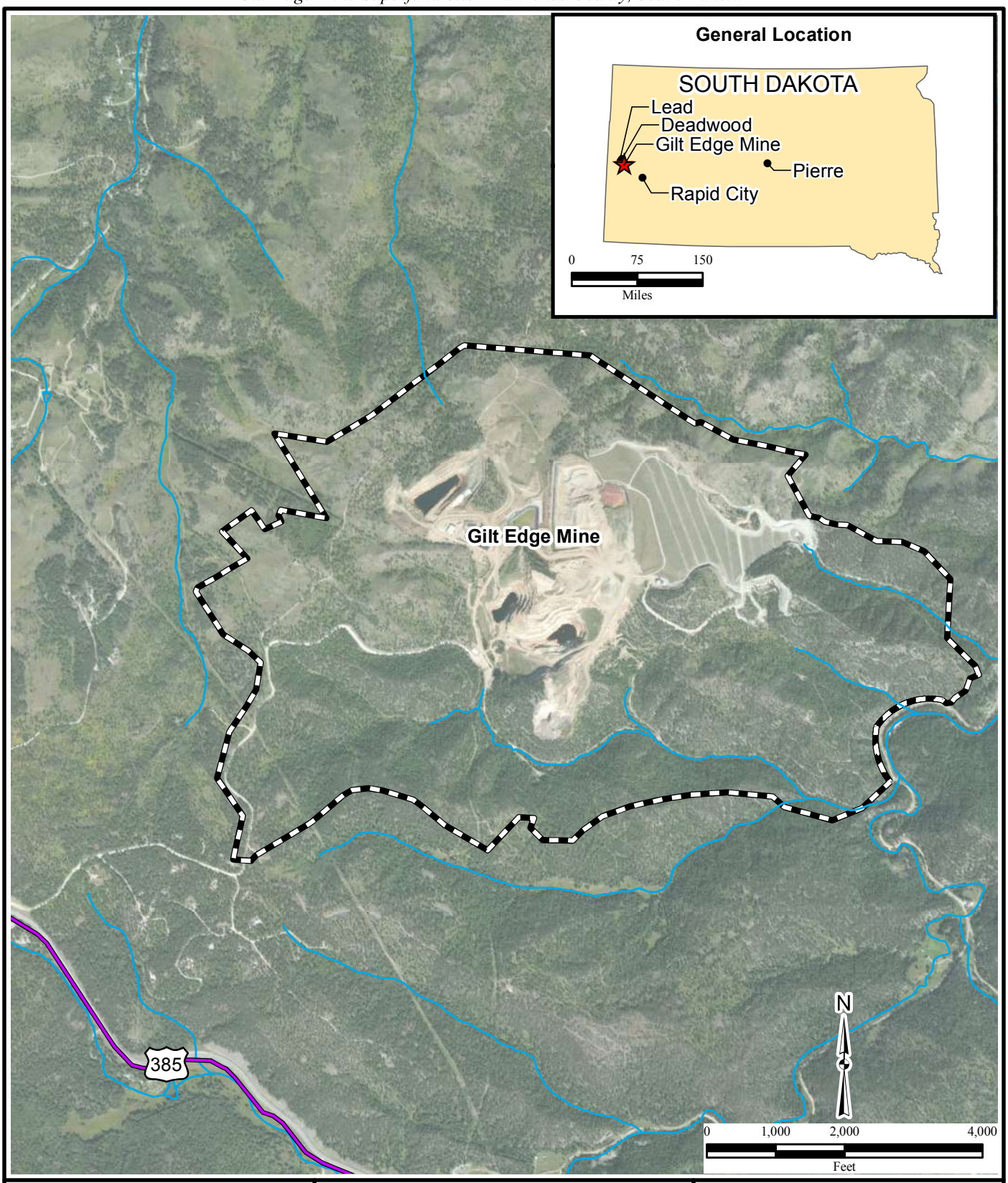
Photo 1: Former ASTs – looking north



Photo 2: Former ASTs – looking west



Photo 3: Sample Locations with PID jars present at the sample locations



\\Gst-srv-01\HGLGIS\Gilt_Edge_MSIW\PMP\(1-01)Site_Location.mxd
1/21/2015 JG
Source: HGL, CDM Smith, ArcGIS Online Imagery

Legend

- Site Location
- Town
- Highway
- Surface Water Course
- Gilt Edge Mine Site Boundary

Figure 1
Site Location



\\Gst-srv-01\HGLGIS\Gilt_Edge_K11101_MSIW\PMP\(1-02)\Site_Features.mxd
2/5/2019 JG
Source: HGL, CDM Smith
ArcGIS Online Imagery

Legend

Surface Water Course

Gilt Edge Mine Site Boundary

Notes:
Shows site features as of December 1, 2018.
Phase 1 of remedial construction for Operable Unit (OU) 1 began in 2017 and is essentially complete. Phase 1 construction for OU1 included dewatering and partial backfilling of both Sunday Pit and Dakota Maid Pit. These two pits will no longer be used for acid rock drainage storage and are no longer a part of the OU2 Treatment System.

Figure 2
Site Features



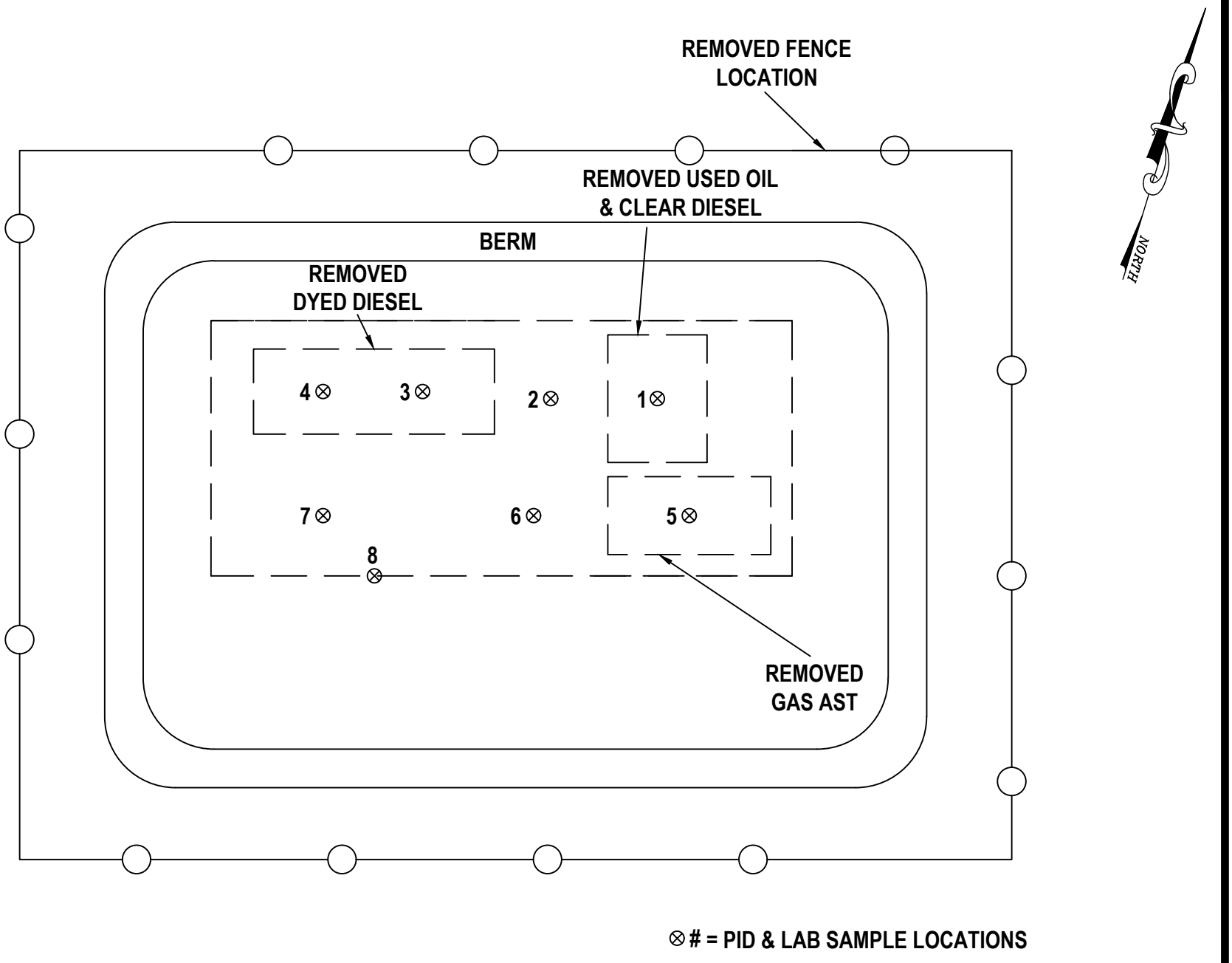
FIGURE 3
AERIAL LOCATION MAP
FORMER FUEL DEPO ASSESSMENT
GILT EDGE MINE SUPERFUND SITE
DEADWOOD, SD

ACAD/GEOTEK/DAN/25-1906

PROJECT#: 25-1906

DRAWN BY: MW

GEOTEK ENGINEERING & TESTING SERVICES, INC.
909 East 50th Street North
Sioux Falls, South Dakota 57104
605-335-5512 Fax 605-335-0773



⊗# = PID & LAB SAMPLE LOCATIONS

0 10' 20'

FIGURE 4
ILLUSTRATIVE TEST BORING LOCATIONS
FORMER FUEL DEPO ASSESSMENT
GILT EDGE MINE SUPERFUND SITE
DEADWOOD, SD
ACAD/GEOTEK/DAN/25-1906

PROJECT#: 25-1906

DRAWN BY: MW

GEOTEK ENGINEERING & TESTING SERVICES, INC.
909 East 50th Street North
Sioux Falls, South Dakota 57104
605-335-5512 Fax 605-335-0773

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site:	#1 (0-3")
Project Name:	Gilt Edge Fuel Depo
Project Number:	25-1906
Sampled:	10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix:	Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#:	20251029541
Received:	10/29/25 at 11:30 AM by Tanya Nelsen
Account:	w1445 - Geotek Engineering & Testing

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	11/07/25
Barium (Ba)	0.094	mg/L	10	0.00073	0.005	EPA SW846 6020	TNA	11/07/25
Cadmium (Cd)	0.010	mg/L	10	0.00041	0.001	EPA SW846 6020	TNA	11/07/25
Chromium (Cr)	0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	TNA	11/07/25
Lead (Pb)	0.003	mg/L	10	0.00015	0.001	EPA SW846 6020	TNA	11/07/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/07/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	TNA	11/07/25
Silver (Ag)	< 0.001	mg/L	10	0.000074	0.001	EPA SW846 6020	TNA	11/07/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	15.3	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	18.5	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#1 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date
Surrogate Recovery-Volatile					
4-Bromofluorobenzene	90.9 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC 11/03/25
Surrogate Recovery-SV					
Ortho-Terphenyl	94.9 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC 11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site: #2 (0-3")
Project Name: Gilt Edge Fuel Depo
Project Number: 25-1906
Sampled: 10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix: Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#: 20251029542
Received: 10/29/25 at 11:30 AM by Tanya Nelsen
Account: w1445 - Geotek Engineering & Testing

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	11/18/25
Barium (Ba)	0.091	mg/L	10	0.00073	0.005	EPA SW846 6020	TNA	11/18/25
Cadmium (Cd)	0.015	mg/L	10	0.00041	0.001	EPA SW846 6020	TNA	11/18/25
Chromium (Cr)	0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	TNA	11/18/25
Lead (Pb)	0.014	mg/L	10	0.00015	0.001	EPA SW846 6020	TNA	11/18/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/19/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	TNA	11/18/25
Silver (Ag)	< 0.001	mg/L	10	0.000074	0.001	EPA SW846 6020	TNA	11/18/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	61.2	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	64.8	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#2 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date	
Surrogate Recovery-Volatile						
4-Bromofluorobenzene	92.2 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC	11/03/25
Surrogate Recovery-SV						
Ortho-Terphenyl	101.7 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC	11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site:	#3 (0-3")
Project Name:	Gilt Edge Fuel Depo
Project Number:	25-1906
Sampled:	10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix:	Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#:	20251029543
Received:	10/29/25 at 11:30 AM by Tanya Nelsen
Account:	w1445 - Geotek Engineering & Testing

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	11/18/25
Barium (Ba)	0.201	mg/L	10	0.00073	0.005	EPA SW846 6020	TNA	11/18/25
Cadmium (Cd)	0.008	mg/L	10	0.00041	0.001	EPA SW846 6020	TNA	11/18/25
Chromium (Cr)	< 0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	TNA	11/18/25
Lead (Pb)	0.009	mg/L	10	0.00015	0.001	EPA SW846 6020	TNA	11/18/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/19/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	TNA	11/18/25
Silver (Ag)	< 0.001	mg/L	10	0.000074	0.001	EPA SW846 6020	TNA	11/18/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	72.5	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	111	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#3 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date	
Surrogate Recovery-Volatile						
4-Bromofluorobenzene	92.0 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC	11/03/25
Surrogate Recovery-SV						
Ortho-Terphenyl	104.1 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC	11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site: #4 (0-3")
Project Name: Gilt Edge Fuel Depo
Project Number: 25-1906
Sampled: 10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix: Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#: 20251029544
Received: 10/29/25 at 11:30 AM by Tanya Nelsen
Account: w1445 - Geotek Engineering & Testing

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	11/18/25
Barium (Ba)	0.195	mg/L	10	0.00073	0.005	EPA SW846 6020	TNA	11/18/25
Cadmium (Cd)	0.038	mg/L	10	0.00041	0.001	EPA SW846 6020	TNA	11/18/25
Chromium (Cr)	< 0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	TNA	11/18/25
Lead (Pb)	0.018	mg/L	10	0.00015	0.001	EPA SW846 6020	TNA	11/18/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/19/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	TNA	11/18/25
Silver (Ag)	< 0.001	mg/L	10	0.000074	0.001	EPA SW846 6020	TNA	11/18/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	16.4	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	20.0	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#4 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date	
Surrogate Recovery-Volatile						
4-Bromofluorobenzene	91.9 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC	11/03/25
Surrogate Recovery-SV						
Ortho-Terphenyl	90.0 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC	11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site:	#5 (0-3")
Project Name:	Gilt Edge Fuel Depo
Project Number:	25-1906
Sampled:	10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix:	Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#:	20251029545
Received:	10/29/25 at 11:30 AM by Tanya Nelsen
Account:	w1445 - Geotek Engineering & Testing

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	11/18/25
Barium (Ba)	0.155	mg/L	10	0.00073	0.005	EPA SW846 6020	TNA	11/18/25
Cadmium (Cd)	0.021	mg/L	10	0.00041	0.001	EPA SW846 6020	TNA	11/18/25
Chromium (Cr)	< 0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	TNA	11/18/25
Lead (Pb)	0.029	mg/L	10	0.00015	0.001	EPA SW846 6020	TNA	11/18/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/19/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	TNA	11/18/25
Silver (Ag)	< 0.001	mg/L	10	0.000074	0.001	EPA SW846 6020	TNA	11/18/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	123	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	129	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#5 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date	
Surrogate Recovery-Volatile						
4-Bromofluorobenzene	91.4 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC	11/03/25
Surrogate Recovery-SV						
Ortho-Terphenyl	96.5 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC	11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site:	#6 (0-3")
Project Name:	Gilt Edge Fuel Depo
Project Number:	25-1906
Sampled:	10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix:	Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#:	20251029546
Received:	10/29/25 at 11:30 AM by Tanya Nelsen
Account:	w1445 - Geotek Engineering & Testing

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	SAC	11/19/25
Barium (Ba)	0.170	mg/L	10	0.00073	0.005	EPA SW846 6020	SAC	11/19/25
Cadmium (Cd)	0.033	mg/L	10	0.00041	0.001	EPA SW846 6020	SAC	11/19/25
Chromium (Cr)	< 0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	SAC	11/19/25
Lead (Pb)	0.039	mg/L	10	0.00015	0.001	EPA SW846 6020	SAC	11/19/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/21/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	SAC	11/19/25
Silver (Ag)	0.002	mg/L	10	0.000074	0.001	EPA SW846 6020	SAC	11/19/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	89.4	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	90.9	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#6 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date	
Surrogate Recovery-Volatile						
4-Bromofluorobenzene	91.0 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC	11/03/25
Surrogate Recovery-SV						
Ortho-Terphenyl	92.3 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC	11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site: #7 (0-3")
Project Name: Gilt Edge Fuel Depo
Project Number: 25-1906
Sampled: 10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix: Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#: 20251029547
Received: 10/29/25 at 11:30 AM by Tanya Nelsen
Account: w1445 - Geotek Engineering & Testing

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	SAC	11/19/25
Barium (Ba)	0.101	mg/L	10	0.00073	0.005	EPA SW846 6020	SAC	11/19/25
Cadmium (Cd)	0.006	mg/L	10	0.00041	0.001	EPA SW846 6020	SAC	11/19/25
Chromium (Cr)	< 0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	SAC	11/19/25
Lead (Pb)	0.012	mg/L	10	0.00015	0.001	EPA SW846 6020	SAC	11/19/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/21/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	SAC	11/19/25
Silver (Ag)	< 0.001	mg/L	10	0.000074	0.001	EPA SW846 6020	SAC	11/19/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	30.0	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	34.0	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#7 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date	
Surrogate Recovery-Volatile						
4-Bromofluorobenzene	89.4 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC	11/03/25
Surrogate Recovery-SV						
Ortho-Terphenyl	86.5 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC	11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Sample Site:	#8 (0-3")
Project Name:	Gilt Edge Fuel Depo
Project Number:	25-1906
Sampled:	10/29/25 at 08:00 AM by Daniel R Hanson
Sample Matrix:	Soil

GEOTEK ENGINEERING & TESTING
909 E 50TH STREET NORTH
SIOUX FALLS, SD 57104

Lab ID#:	20251029548
Received:	10/29/25 at 11:30 AM by Tanya Nelsen
Account:	w1445 - Geotek Engineering & Testing

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	SAC	11/19/25
Barium (Ba)	0.435	mg/L	10	0.00073	0.005	EPA SW846 6020	SAC	11/19/25
Cadmium (Cd)	0.011	mg/L	10	0.00041	0.001	EPA SW846 6020	SAC	11/19/25
Chromium (Cr)	0.001	mg/L	10	0.000109	0.001	EPA SW846 6020 DRC	SAC	11/19/25
Lead (Pb)	< 0.001	mg/L	10	0.00015	0.001	EPA SW846 6020	SAC	11/19/25
Mercury (Hg)	< 0.0002	mg/L	1	0.000045	0.0002	EPA SW846 7471B	GRT	11/21/25
Selenium (Se)	< 0.005	mg/L	10	0.00048	0.005	EPA SW846 6020	SAC	11/19/25
Silver (Ag)	< 0.001	mg/L	10	0.000074	0.001	EPA SW846 6020	SAC	11/19/25
Volatile								
Benzene	< 0.050	mg/kg	1	0.018	0.050	SW846 8021B-S	SAC	11/03/25
Ethylbenzene	< 0.100	mg/kg	1	0.016	0.100	SW846 8021B-S	SAC	11/03/25
Naphthalene	< 0.200	mg/kg	1	0.025	0.200	SW846 8021B-S	SAC	11/03/25
Toluene	< 0.100	mg/kg	1	0.015	0.100	SW846 8021B-S	SAC	11/03/25
Xylenes(o,m,p)	< 0.200	mg/kg	1	0.060	0.200	SW846 8021B-S	SAC	11/03/25
Total Volatile Hydrocarbons								
TPH as Gasoline	< 10.0	mg/kg	1	1.12	10.0	SW846 8015B-S	SAC	11/03/25
Semi-Volatile								
Silica Gel Treated-TEH	37.6	mg/kg	1			SW-846-8015B	SAC	11/24/25
TPH(Total Extractable Hydrocarbons)	43.9	mg/kg	1	1.30	10.0	SW846 8015B-S	SAC	11/07/25
Extraction								
Extraction TPH/SOC	1.00	none	1			SW846 3550	SAC	11/04/25

Report of Analysis for: **Geotek Engineering & Testing** Sample Site: **#8 (0-3")**

Quality Control Data

Parameter	Result	Limits	DF	Method	Analyst/Date	
Surrogate Recovery-Volatile						
4-Bromofluorobenzene	89.1 %	(34.46) - (148.7)	1	SW846 8021B QC	SAC	11/03/25
Surrogate Recovery-SV						
Ortho-Terphenyl	96.9 %	(52.99) - (127.7)	1	SW846 8015-S QC	SAC	11/07/25

Notes:
Total Extractable Hydrocarbons includes motor oils, hydraulics, diesel, fuel oils, and a fraction of gasoline.

Report Approved By:



Report Approved On: 11/25/2025 9:52:37 AM

MIDCONTINENT
TESTING LABORATORIES, INC.

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

Lab Numbers: 20251029541 - 20251029548

QC Sample Report

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method
Spike								
Arsenic - D	1107102	0.111	0.005	0.025	4	106.6 %	(86.20) - (112.3)	EPA 200.8
Arsenic - D	1105309	0.107	0.002	0.025	4	104.7 %	(86.20) - (112.3)	EPA 200.8
Arsenic - D	1118104	2.60	< 0.005	0.025	100	104.1 %	(86.34) - (115.3)	EPA 200.8
Arsenic - D	1118101	0.262	< 0.005	0.025	10	104.6 %	(86.34) - (115.3)	EPA 200.8
Arsenic - D	1118105	2.61	< 0.005	0.025	100	104.4 %	(86.34) - (115.3)	EPA 200.8
Arsenic - D	1119301	0.102	< 0.002	0.025	4	102.0 %	(87.05) - (116.3)	EPA 200.8
Arsenic - D	1119111	1.62	1.37	0.025	10	102.1 %	(87.05) - (116.3)	EPA 200.8
Barium - D	1105309	0.143	0.042	0.025	4	101.0 %	(86.17) - (104.0)	EPA 200.8
Barium - D	1107102	0.155	0.056	0.025	4	98.9 %	(86.17) - (104.0)	EPA 200.8
Barium - D	1118105	2.66	0.019	0.025	100	105.7 %	(85.96) - (106.1)	EPA 200.8
Barium - D	1118101	0.267	0.021	0.025	10	98.3 %	(85.96) - (106.1)	EPA 200.8
Barium - D	1118104	2.64	0.018	0.025	100	104.9 %	(85.96) - (106.1)	EPA 200.8
Barium - D	1119301	0.136	0.044	0.025	4	91.9 %	(85.60) - (109.4)	EPA 200.8
Barium - D	1119111	0.274	0.034	0.025	10	96.1 %	(85.60) - (109.4)	EPA 200.8
Cadmium - D	1105309	0.099	< 0.000	0.025	4	98.9 %	(88.65) - (107.7)	EPA 200.8
Cadmium - D	1107102	0.100	< 0.000	0.025	4	99.5 %	(88.65) - (107.7)	EPA 200.8
Cadmium - D	1118105	2.55	0.045	0.025	100	100.0 %	(88.47) - (108.5)	EPA 200.8
Cadmium - D	1118104	2.54	0.045	0.025	100	99.92%	(88.47) - (108.5)	EPA 200.8
Cadmium - D	1118101	0.248	0.001	0.025	10	98.7 %	(88.47) - (108.5)	EPA 200.8
Cadmium - D	1119301	0.095	< 0.000	0.025	4	95.2 %	(89.07) - (108.8)	EPA 200.8
Cadmium - D	1119111	0.244	< 0.001	0.025	10	97.5 %	(89.07) - (108.8)	EPA 200.8
Chromium - D	1105309	0.105	< 0.000	0.025	4	104.8 %	(84.21) - (112.1)	EPA 200.8 DRC
Chromium - D	1118104	2.73	< 0.001	0.025	100	109.2 %	(82.62) - (112.1)	EPA 200.8 DRC
Chromium - D	1118101	0.254	< 0.001	0.025	10	101.7 %	(82.62) - (112.1)	EPA 200.8 DRC
Chromium - D	1118105	2.71	< 0.001	0.025	100	108.4 %	(82.62) - (112.1)	EPA 200.8 DRC
Chromium - D	1119111	0.224	0.001	0.025	10	89.3 %	(80.29) - (116.8)	EPA 200.8 DRC
Chromium - D	1119301	0.094	0.001	0.025	4	93.4 %	(80.29) - (116.8)	EPA 200.8 DRC
Lead - D	1107102	0.1005	< 0.0004	0.025	4	100.5 %	(88.28) - (107.7)	EPA 200.8
Lead - D	1105309	0.0977	< 0.0004	0.025	4	97.7 %	(88.28) - (107.7)	EPA 200.8
Lead - D	1118105	2.522	< 0.0010	0.025	100	100.9 %	(90.68) - (107.9)	EPA 200.8
Lead - D	1118101	0.2457	< 0.0010	0.025	10	98.3 %	(90.68) - (107.9)	EPA 200.8
Lead - D	1118104	2.532	< 0.0010	0.025	100	101.3 %	(90.68) - (107.9)	EPA 200.8
Lead - D	1119111	0.2457	< 0.0010	0.025	10	98.3 %	(92.05) - (107.6)	EPA 200.8
Lead - D	1119301	0.0939	< 0.0004	0.025	4	93.9 %	(92.05) - (107.6)	EPA 200.8
Mercury - D	1117104	0.0019	< 0.0002	0.002	1	94.0 %	(88.11) - (113.9)	EPA 245.1
Selenium - D	1107102	0.517	< 0.002	0.125	4	103.5 %	(87.14) - (108.0)	EPA 200.8
Selenium - D	1105309	0.509	< 0.002	0.125	4	101.7 %	(87.14) - (108.0)	EPA 200.8
Selenium - D	1118104	12.2	< 0.005	0.125	100	97.5 %	(88.24) - (108.4)	EPA 200.8

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method
Spike								
Selenium - D	1118105	12.3	< 0.005	0.125	100	98.1 %	(88.24) - (108.4)	EPA 200.8
Selenium - D	1118101	1.22	< 0.005	0.125	10	97.4 %	(88.24) - (108.4)	EPA 200.8
Selenium - D	1119301	0.485	< 0.002	0.125	4	97.0 %	(88.86) - (108.2)	EPA 200.8
Selenium - D	1119111	1.22	0.019	0.125	10	95.7 %	(88.86) - (108.2)	EPA 200.8
Silver - D	1107102	0.0880	< 0.0004	0.025	4	88.0 %	(82.99) - (103.8)	EPA 200.8
Silver - D	1105309	0.0958	< 0.0004	0.025	4	95.8 %	(82.99) - (103.8)	EPA 200.8
Silver - D	1118104	2.501	< 0.0010	0.025	100	100.0 %	(77.43) - (108.6)	EPA 200.8
Silver - D	1118105	2.502	< 0.0010	0.025	100	100.1 %	(77.43) - (108.6)	EPA 200.8
Silver - D	1118101	0.2414	< 0.0010	0.025	10	96.6 %	(77.43) - (108.6)	EPA 200.8
Silver - D	1119301	0.0906	< 0.0004	0.025	4	90.6 %	(76.74) - (110.5)	EPA 200.8
Arsenic - T	1114523	0.260	< 0.005	0.025	10	103.9 %	(81.94) - (121.3)	EPA 200.8
Arsenic - T	1114528	0.271	< 0.005	0.025	10	108.5 %	(81.94) - (121.3)	EPA 200.8
Arsenic - T	1114901	0.265	< 0.005	0.025	10	105.9 %	(81.94) - (121.3)	EPA 200.8
Barium - T	1114523	0.264	0.029	0.025	10	94.0 %	(80.48) - (111.1)	EPA 200.8
Barium - T	1114901	0.302	0.035	0.025	10	107.1 %	(80.48) - (111.1)	EPA 200.8
Barium - T	1114528	0.291	0.048	0.025	10	97.4 %	(80.48) - (111.1)	EPA 200.8
Cadmium - T	1114523	0.238	0.001	0.025	10	94.9 %	(83.62) - (109.1)	EPA 200.8
Cadmium - T	1114528	0.259	0.001	0.025	10	103.3 %	(83.62) - (109.1)	EPA 200.8
Cadmium - T	1114901	0.246	< 0.001	0.025	10	98.3 %	(83.62) - (109.1)	EPA 200.8
Chromium - T	1114528	0.289	0.005	0.025	10	113.6 %	(83.60) - (116.3)	EPA 200.8 DRC
Chromium - T	1114901	0.275	< 0.001	0.025	10	110.0 %	(83.60) - (116.3)	EPA 200.8 DRC
Lead - T	1114528	0.2664	0.0021	0.025	10	105.7 %	(85.11) - (111.5)	EPA 200.8
Lead - T	1114523	0.2550	0.0010	0.025	10	101.6 %	(85.11) - (111.5)	EPA 200.8
Lead - T	1114901	0.2582	< 0.0010	0.025	10	103.3 %	(85.11) - (111.5)	EPA 200.8
Mercury - T	1106105	0.0019	< 0.0002	0.002	1	96.5 %	(79.66) - (118.3)	EPA 245.1
Mercury - T	1106111	0.0020	< 0.0002	0.002	1	98.5 %	(79.66) - (118.3)	EPA 245.1
Mercury - T	1105309	0.0021	< 0.0002	0.002	1	102.5 %	(79.66) - (118.3)	EPA 245.1
Mercury - T	1105312	0.0020	< 0.0002	0.002	1	100.0 %	(79.66) - (118.3)	EPA 245.1
Mercury - T	1113101	0.0020	< 0.0002	0.002	1	99.5 %	(87.06) - (113.0)	EPA 245.1
Mercury - T	1113103	0.0020	< 0.0002	0.002	1	101.0 %	(87.06) - (113.0)	EPA 245.1
Mercury - T	1117209	0.0020	< 0.0002	0.002	1	98.0 %	(88.09) - (112.6)	EPA 245.1
Mercury - T	1118204	0.0019	< 0.0002	0.002	1	94.0 %	(88.09) - (112.6)	EPA 245.1
Selenium - T	1114901	1.21	< 0.005	0.125	10	97.1 %	(80.34) - (114.0)	EPA 200.8
Selenium - T	1114523	1.28	0.111	0.125	10	93.6 %	(80.34) - (114.0)	EPA 200.8
Selenium - T	1114901	1.23	< 0.005	0.125	10	98.6 %	(80.34) - (114.0)	EPA 200.8
Selenium - T	1114528	1.22	0.006	0.125	10	96.8 %	(80.34) - (114.0)	EPA 200.8
Silver - T	1114523	0.2354	< 0.0010	0.025	10	94.1 %	(80.15) - (108.9)	EPA 200.8
Silver - T	1114528	0.2558	< 0.0010	0.025	10	102.3 %	(80.15) - (108.9)	EPA 200.8
Silver - T	1114901	0.2500	< 0.0010	0.025	10	99.99%	(80.15) - (108.9)	EPA 200.8
Arsenic - TR	1105307	0.107	< 0.002	0.025	4	107.1 %	(89.02) - (113.4)	EPA 200.8
Arsenic - TR	1107207	0.262	0.004	0.025	10	103.1 %	(87.10) - (115.0)	EPA 200.8
Arsenic - TR	1107109	0.109	0.004	0.025	4	104.9 %	(87.10) - (115.0)	EPA 200.8
Arsenic - TR	1119108	0.257	< 0.005	0.025	10	102.9 %	(90.85) - (117.3)	EPA 200.8
Arsenic - TR	1119307	0.298	0.036	0.025	10	104.7 %	(90.85) - (117.3)	EPA 200.8
Barium - TR	1105307	0.139	0.041	0.025	4	98.2 %	(88.69) - (101.7)	EPA 200.8
Barium - TR	1107207	0.254	0.018	0.025	10	94.3 %	(88.20) - (102.7)	EPA 200.8

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method	
Spike									
Barium - TR	1107109	0.157	0.061	0.025	4	95.2 %	(88.20) - (102.7)	EPA 200.8	
Barium - TR	1119108	0.289	0.048	0.025	10	96.3 %	(88.83) - (104.6)	EPA 200.8	
Barium - TR	1119307	0.261	0.011	0.025	10	100.0 %	(88.83) - (104.6)	EPA 200.8	
Cadmium - TR	1105307	0.1009	< 0.0004	0.025	4	100.9 %	(92.27) - (106.3)	EPA 200.8	
Cadmium - TR	1107207	0.2574	< 0.0010	0.025	10	102.9 %	(93.26) - (105.9)	EPA 200.8	
Cadmium - TR	1107109	0.1017	< 0.0004	0.025	4	101.7 %	(93.26) - (105.9)	EPA 200.8	
Cadmium - TR	1119307	0.2484	< 0.0010	0.025	10	99.4 %	(92.96) - (106.3)	EPA 200.8	
Cadmium - TR	1119108	0.2399	< 0.0010	0.025	10	96.0 %	(92.96) - (106.3)	EPA 200.8	
Chromium - TR	1107207	0.2713	< 0.0010	0.025	10	108.5 %	(80.71) - (115.6)	EPA 200.8 DRC	
Chromium - TR	1107109	0.0996	< 0.0004	0.025	4	99.58%	(80.71) - (115.6)	EPA 200.8 DRC	
Chromium - TR	1119307	0.2354	< 0.0010	0.025	10	94.1 %	(81.93) - (115.7)	EPA 200.8 DRC	
Chromium - TR	1119108	0.2276	< 0.0010	0.025	10	91.1 %	(81.93) - (115.7)	EPA 200.8 DRC	
Lead - TR	1105307	0.0991	< 0.0004	0.025	4	99.1 %	(88.24) - (107.5)	EPA 200.8	
Lead - TR	1107207	0.2487	< 0.0010	0.025	10	99.5 %	(88.24) - (107.8)	EPA 200.8	
Lead - TR	1107109	0.0961	< 0.0004	0.025	4	96.1 %	(88.24) - (107.8)	EPA 200.8	
Lead - TR	1119307	0.2502	< 0.0010	0.025	10	100.1 %	(92.55) - (106.4)	EPA 200.8	
Lead - TR	1119108	0.2447	< 0.0010	0.025	10	97.9 %	(92.55) - (106.4)	EPA 200.8	
Selenium - TR	1105307	0.511	< 0.002	0.125	4	102.1 %	(89.03) - (107.9)	EPA 200.8	
Selenium - TR	1107109	0.501	< 0.002	0.125	4	100.1 %	(90.24) - (107.7)	EPA 200.8	
Selenium - TR	1107207	1.22	0.012	0.125	10	96.5 %	(90.24) - (107.7)	EPA 200.8	
Selenium - TR	1119307	1.26	< 0.005	0.125	10	101.1 %	(91.76) - (107.0)	EPA 200.8	
Selenium - TR	1119108	1.24	0.015	0.125	10	97.7 %	(91.76) - (107.0)	EPA 200.8	
Silver - TR	1105307	0.0984	< 0.0004	0.025	4	98.4 %	(85.54) - (103.4)	EPA 200.8	
Silver - TR	1107207	0.2530	< 0.0010	0.025	10	101.2 %	(85.34) - (103.8)	EPA 200.8	
Silver - TR	1107109	0.0996	< 0.0004	0.025	4	99.58%	(85.34) - (103.8)	EPA 200.8	
Silver - TR	1119108	0.2342	< 0.0010	0.025	10	93.7 %	(85.27) - (107.8)	EPA 200.8	
Silver - TR	1119307	0.2257	< 0.0010	0.025	10	90.3 %	(85.27) - (107.8)	EPA 200.8	
TPH-Diesel	1022541	157	< 10.0	200	1	78.4 %	(50.43) - (113.1)	SW846 8015B-S	
Matrix Spike Duplicate									
Arsenic - D	1107102	0.110	0.111		4	-1.46%	(-5.377) - (5.144)	EPA 200.8	
Arsenic - D	1105309	0.108	0.107		4	0.660%	(-5.377) - (5.144)	EPA 200.8	
Arsenic - D	1118104	2.62	2.60		100	0.596%	(-5.078) - (4.528)	EPA 200.8	
Arsenic - D	1118105	2.63	2.61		100	0.857%	(-5.078) - (4.528)	EPA 200.8	
Arsenic - D	1118101	0.265	0.262		10	1.28%	(-5.078) - (4.528)	EPA 200.8	
Arsenic - D	1119301	0.109	0.102		4	6.38%	(-4.490) - (4.453)	EPA 200.8	X
- Recovery was within 10% of expected value									
Arsenic - D	1119111	1.59	1.62	0.025	10	-2.30%	(-4.490) - (4.453)	EPA 200.8	
Barium - D	1107102	0.156	0.155		4	0.778%	(-2.799) - (2.382)	EPA 200.8	
Barium - D	1105309	0.140	0.143		4	-1.90%	(-2.799) - (2.382)	EPA 200.8	
Barium - D	1118105	2.64	2.66		100	-0.694%	(-2.637) - (2.054)	EPA 200.8	
Barium - D	1118101	0.275	0.267		10	3.03%	(-2.637) - (2.054)	EPA 200.8	X
- Recovery was within 10% of expected value									
Barium - D	1118104	2.60	2.64		100	-1.68%	(-2.637) - (2.054)	EPA 200.8	
Barium - D	1119301	0.140	0.136		4	3.50%	(-2.819) - (1.912)	EPA 200.8	X
- Recovery was within 10% of expected value									

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method	
Matrix Spike Duplicate									
Barium - D	1119111	0.269	0.274	0.025	10	-2.05%	(-2.819) - (1.912)	EPA 200.8	
Cadmium - D	1105309	0.098	0.099		4	-1.02%	(-2.045) - (3.108)	EPA 200.8	
Cadmium - D	1107102	0.098	0.100		4	-1.20%	(-2.045) - (3.108)	EPA 200.8	
Cadmium - D	1118105	2.54	2.55		100	-0.090%	(-3.177) - (3.347)	EPA 200.8	
Cadmium - D	1118104	2.51	2.54		100	-1.09%	(-3.177) - (3.347)	EPA 200.8	
Cadmium - D	1118101	0.255	0.248		10	2.82%	(-3.177) - (3.347)	EPA 200.8	
Cadmium - D	1119111	0.241	0.244	0.025	10	-0.948%	(-3.708) - (3.832)	EPA 200.8	
Cadmium - D	1119301	0.099	0.095		4	3.75%	(-3.708) - (3.832)	EPA 200.8	
Chromium - D	1105309	0.106	0.105		4	0.637%	(-4.891) - (6.232)	EPA 200.8 DRC	
Chromium - D	1118101	0.256	0.254		10	0.585%	(-7.973) - (8.661)	EPA 200.8 DRC	
Chromium - D	1118105	2.72	2.71		100	0.556%	(-7.973) - (8.661)	EPA 200.8 DRC	
Chromium - D	1118104	2.74	2.73		100	0.492%	(-7.973) - (8.661)	EPA 200.8 DRC	
Chromium - D	1119111	0.227	0.224	0.025	10	1.01%	(-7.758) - (8.344)	EPA 200.8 DRC	
Chromium - D	1119301	0.095	0.094		4	1.10%	(-7.758) - (8.344)	EPA 200.8 DRC	
Lead - D	1107102	0.0993	0.1005		4	-1.15%	(-3.034) - (4.047)	EPA 200.8	
Lead - D	1105309	0.0970	0.0977		4	-0.739%	(-3.034) - (4.047)	EPA 200.8	
Lead - D	1118104	2.528	2.532		100	-0.139%	(-3.925) - (4.429)	EPA 200.8	
Lead - D	1118101	0.2508	0.2457		10	2.04%	(-3.925) - (4.429)	EPA 200.8	
Lead - D	1118105	2.527	2.522		100	0.185%	(-3.925) - (4.429)	EPA 200.8	
Lead - D	1119111	0.2395	0.2457	0.025	10	-2.54%	(-3.800) - (4.431)	EPA 200.8	
Lead - D	1119301	0.0972	0.0939		4	3.51%	(-3.800) - (4.431)	EPA 200.8	
Mercury - D	1117104	0.0019	0.0019		1	-1.07%	(-14.46) - (12.61)	EPA 245.1	
Selenium - D	1107102	0.514	0.517		4	-0.661%	(-3.358) - (3.988)	EPA 200.8	
Selenium - D	1105309	0.510	0.509		4	0.340%	(-3.358) - (3.988)	EPA 200.8	
Selenium - D	1118101	1.25	1.22		10	2.87%	(-3.718) - (4.058)	EPA 200.8	
Selenium - D	1118104	12.3	12.2		100	1.09%	(-3.718) - (4.058)	EPA 200.8	
Selenium - D	1118105	12.4	12.3		100	1.38%	(-3.718) - (4.058)	EPA 200.8	
Selenium - D	1119111	1.20	1.22	0.125	10	-1.28%	(-3.646) - (4.585)	EPA 200.8	
Selenium - D	1119301	0.515	0.485		4	5.93%	(-3.646) - (4.585)	EPA 200.8	X
- Recovery was within 10% of expected value									
Silver - D	1105309	0.0951	0.0958		4	-0.754%	(-1.644) - (2.155)	EPA 200.8	
Silver - D	1107102	0.0870	0.0880		4	-1.10%	(-1.644) - (2.155)	EPA 200.8	
Silver - D	1118105	2.520	2.502		100	0.707%	(-2.741) - (3.329)	EPA 200.8	
Silver - D	1118101	0.2460	0.2414		10	1.89%	(-2.741) - (3.329)	EPA 200.8	
Silver - D	1118104	2.523	2.501		100	0.893%	(-2.741) - (3.329)	EPA 200.8	
Silver - D	1119301	0.0954	0.0906		4	5.18%	(-2.745) - (3.524)	EPA 200.8	X
- Recovery was within 10% of expected value									
Arsenic - T	1114523	0.258	0.260		10	-0.548%	(-12.21) - (12.43)	EPA 200.8	
Arsenic - T	1114901	0.257	0.265	0.025	10	-3.04%	(-12.21) - (12.43)	EPA 200.8	
Arsenic - T	1114528	0.260	0.271		10	-4.40%	(-11.36) - (11.77)	EPA 200.8	
Barium - T	1114901	0.295	0.302	0.025	10	-2.36%	(-9.386) - (8.910)	EPA 200.8	
Barium - T	1114523	0.261	0.264		10	-0.995%	(-9.386) - (8.910)	EPA 200.8	
Barium - T	1114528	0.284	0.291		10	-2.56%	(-8.656) - (8.466)	EPA 200.8	
Cadmium - T	1114523	0.235	0.238		10	-1.37%	(-7.537) - (8.908)	EPA 200.8	
Cadmium - T	1114901	0.243	0.246	0.025	10	-1.21%	(-7.537) - (8.908)	EPA 200.8	
Cadmium - T	1114528	0.250	0.259		10	-3.61%	(-7.871) - (8.685)	EPA 200.8	

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method	
Matrix Spike Duplicate									
Chromium - T	1114901	0.280	0.275	0.025	10	1.84%	(-9.384) - (8.507)	EPA 200.8 DRC	
Chromium - T	1114528	0.280	0.289		10	-3.11%	(-9.378) - (8.762)	EPA 200.8 DRC	
Lead - T	1114901	0.2537	0.2582	0.025	10	-1.77%	(-9.413) - (8.937)	EPA 200.8	
Lead - T	1114523	0.2558	0.2550		10	0.309%	(-9.413) - (8.937)	EPA 200.8	
Lead - T	1114528	0.2558	0.2664		10	-4.05%	(-9.449) - (8.680)	EPA 200.8	
Mercury - T	1106105	0.0020	0.0019		1	1.03%	(-8.099) - (8.524)	EPA 245.1	
Mercury - T	1106111	0.0020	0.0020		1	0.00%	(-8.099) - (8.524)	EPA 245.1	
Mercury - T	1105309	0.0020	0.0021		1	-1.97%	(-8.099) - (8.524)	EPA 245.1	
Mercury - T	1105312	0.0020	0.0020		1	1.49%	(-8.099) - (8.524)	EPA 245.1	
Mercury - T	1113101	0.0020	0.0020		1	2.48%	(-8.132) - (8.493)	EPA 245.1	
Mercury - T	1113103	0.0020	0.0020		1	-0.496%	(-8.132) - (8.493)	EPA 245.1	
Mercury - T	1118204	0.0017	0.0019		1	-8.31%	(-7.813) - (8.364)	EPA 245.1	X
- Recovery was within 10% of expected value									
Mercury - T	1117209	0.0019	0.0020		1	-2.58%	(-7.813) - (8.364)	EPA 245.1	
Selenium - T	1114523	1.26	1.28		10	-1.76%	(-7.622) - (10.26)	EPA 200.8	
Selenium - T	1114528	1.18	1.22		10	-3.38%	(-7.909) - (10.37)	EPA 200.8	
Silver - T	1114523	0.2316	0.2354		10	-1.62%	(-7.577) - (9.465)	EPA 200.8	
Silver - T	1114901	0.2460	0.2500	0.025	10	-1.62%	(-7.577) - (9.465)	EPA 200.8	
Silver - T	1114528	0.2479	0.2558		10	-3.14%	(-7.352) - (8.616)	EPA 200.8	
Arsenic - TR	1105307	0.107	0.107		4	-0.280%	(-6.160) - (5.898)	EPA 200.8	
Arsenic - TR	1107207	0.260	0.262		10	-0.825%	(-6.630) - (5.856)	EPA 200.8	
Arsenic - TR	1107109	0.110	0.109		4	1.28%	(-6.630) - (5.856)	EPA 200.8	
Arsenic - TR	1119307	0.293	0.298		10	-1.55%	(-5.249) - (4.207)	EPA 200.8	
Arsenic - TR	1119108	0.255	0.257		10	-0.910%	(-5.249) - (4.207)	EPA 200.8	
Barium - TR	1105307	0.137	0.139		4	-1.66%	(-3.450) - (3.415)	EPA 200.8	
Barium - TR	1107109	0.159	0.157		4	1.53%	(-3.426) - (3.238)	EPA 200.8	
Barium - TR	1107207	0.253	0.254		10	-0.497%	(-3.426) - (3.238)	EPA 200.8	
Barium - TR	1119307	0.260	0.261		10	-0.227%	(-3.872) - (3.501)	EPA 200.8	
Barium - TR	1119108	0.289	0.289		10	-0.080%	(-3.872) - (3.501)	EPA 200.8	
Cadmium - TR	1105307	0.0993	0.1009		4	-1.57%	(-4.731) - (4.858)	EPA 200.8	
Cadmium - TR	1107207	0.2540	0.2574		10	-1.33%	(-4.942) - (4.888)	EPA 200.8	
Cadmium - TR	1107109	0.1015	0.1017		4	-0.256%	(-4.942) - (4.888)	EPA 200.8	
Cadmium - TR	1119307	0.2471	0.2484		10	-0.517%	(-5.042) - (5.118)	EPA 200.8	
Cadmium - TR	1119108	0.2427	0.2399		10	1.16%	(-5.042) - (5.118)	EPA 200.8	
Chromium - TR	1107109	0.0988	0.0996		4	-0.817%	(-7.794) - (7.475)	EPA 200.8 DRC	
Chromium - TR	1107207	0.2719	0.2713		10	0.243%	(-7.794) - (7.475)	EPA 200.8 DRC	
Chromium - TR	1119307	0.2312	0.2354		10	-1.79%	(-8.031) - (7.703)	EPA 200.8 DRC	
Chromium - TR	1119108	0.2340	0.2276		10	2.75%	(-8.031) - (7.703)	EPA 200.8 DRC	
Lead - TR	1105307	0.0975	0.0991		4	-1.63%	(-4.974) - (5.225)	EPA 200.8	
Lead - TR	1107109	0.0968	0.0961		4	0.715%	(-4.665) - (5.122)	EPA 200.8	
Lead - TR	1107207	0.2490	0.2487		10	0.121%	(-4.665) - (5.122)	EPA 200.8	
Lead - TR	1119307	0.2517	0.2502		10	0.562%	(-3.999) - (4.032)	EPA 200.8	
Lead - TR	1119108	0.2456	0.2447		10	0.367%	(-3.999) - (4.032)	EPA 200.8	
Selenium - TR	1105307	0.505	0.511		4	-1.03%	(-5.177) - (4.602)	EPA 200.8	
Selenium - TR	1107109	0.500	0.501		4	-0.120%	(-5.195) - (4.486)	EPA 200.8	
Selenium - TR	1107207	1.23	1.22		10	0.602%	(-5.195) - (4.486)	EPA 200.8	

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method
Matrix Spike Duplicate								
Selenium - TR	1119108	1.23	1.24		10	-0.657%	(-3.113) - (3.491)	EPA 200.8
Selenium - TR	1119307	1.26	1.26		10	-0.426%	(-3.113) - (3.491)	EPA 200.8
Silver - TR	1105307	0.0958	0.0984		4	-2.66%	(-4.147) - (4.112)	EPA 200.8
Silver - TR	1107109	0.1003	0.0996		4	0.700%	(-4.646) - (4.293)	EPA 200.8
Silver - TR	1107207	0.2521	0.2530		10	-0.372%	(-4.646) - (4.293)	EPA 200.8
Silver - TR	1119108	0.2379	0.2342		10	1.54%	(-3.973) - (3.613)	EPA 200.8
Silver - TR	1119307	0.2325	0.2257		10	2.95%	(-3.973) - (3.613)	EPA 200.8
TPH-Diesel	1022541	134	157		1	-15.8 %	(-27.36) - (28.22)	SW846 8015B-S
Initial Calibration Verification								
Arsenic - D		0.051	0.050		1	2.80%	(-7.635) - (7.969)	EPA 200.8
Arsenic - D		0.052	0.050		1	3.32%	(-5.470) - (8.996)	EPA 200.8
Arsenic - D		0.052	0.050		1	3.56%	(-4.874) - (8.896)	EPA 200.8
Barium - D		0.050	0.050		1	-0.240%	(-8.485) - (7.079)	EPA 200.8
Barium - D		0.050	0.050		1	-0.160%	(-8.102) - (6.134)	EPA 200.8
Barium - D		0.050	0.050		1	0.740%	(-7.636) - (6.038)	EPA 200.8
Cadmium - D		0.049	0.050		1	-1.16%	(-7.659) - (6.795)	EPA 200.8
Cadmium - D		0.049	0.050		1	-2.52%	(-6.789) - (5.983)	EPA 200.8
Cadmium - D		0.050	0.050		1	-0.920%	(-6.885) - (6.027)	EPA 200.8
Chromium - D		0.052	0.050		1	3.30%	(-11.18) - (8.221)	EPA 200.8 DRC
Chromium - D		0.047	0.050		1	-5.14%	(-11.90) - (9.171)	EPA 200.8 DRC
Chromium - D		0.050	0.050		1	-0.860%	(-11.62) - (9.005)	EPA 200.8 DRC
Lead - D		0.0503	0.0500		1	0.500%	(-6.700) - (7.344)	EPA 200.8
Lead - D		0.0499	0.0500		1	-0.240%	(-5.702) - (6.566)	EPA 200.8
Lead - D		0.0504	0.0500		1	0.780%	(-5.764) - (6.480)	EPA 200.8
Selenium - D		0.247	0.250		1	-1.23%	(-8.318) - (4.479)	EPA 200.8
Selenium - D		0.245	0.250		1	-1.99%	(-6.715) - (4.255)	EPA 200.8
Selenium - D		0.247	0.250		1	-1.39%	(-6.777) - (4.241)	EPA 200.8
Silver - D		0.0499	0.0500		1	-0.220%	(-7.332) - (6.874)	EPA 200.8
Silver - D		0.0496	0.0500		1	-0.720%	(-5.785) - (5.333)	EPA 200.8
Silver - D		0.0501	0.0500		1	0.160%	(-5.692) - (5.314)	EPA 200.8
Mercury - T		0.0029	0.0030		1	-4.33%	(-16.14) - (10.21)	EPA 245.1
Mercury - T		0.0029	0.0030		1	-3.67%	(-14.73) - (8.462)	EPA 245.1
Mercury - T		0.0027	0.0030		1	-9.33%	(-14.70) - (8.069)	EPA 245.1
TPH-Diesel		894	1000		1	-10.6 %	(-30.47) - (35.91)	SW846 8015B-S
Continuing Calibration Verification								
Arsenic - D		0.049	0.050		1	-2.00%	(-15.31) - (12.73)	EPA 200.8
Arsenic - D		0.049	0.050		1	-1.98%	(-15.31) - (12.73)	EPA 200.8
Arsenic - D		0.049	0.050		1	-1.80%	(-15.31) - (12.73)	EPA 200.8
Arsenic - D		0.049	0.050		1	-2.54%	(-12.94) - (7.663)	EPA 200.8
Arsenic - D		0.049	0.050		1	-2.00%	(-9.984) - (3.617)	EPA 200.8
Arsenic - D		0.050	0.050		1	-1.04%	(-9.984) - (3.617)	EPA 200.8
Arsenic - D		0.049	0.050		1	-2.88%	(-9.984) - (3.617)	EPA 200.8
Arsenic - D		0.050	0.050		1	0.200%	(-10.59) - (4.920)	EPA 200.8
Arsenic - D		0.049	0.050		1	-2.14%	(-10.59) - (4.920)	EPA 200.8

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method	
Continuing Calibration Verification									
Arsenic - D		0.046	0.050		1	-7.50%	(-10.59) - (4.920)	EPA 200.8	
Arsenic - D		0.050	0.050		1	-0.840%	(-10.59) - (4.920)	EPA 200.8	
Arsenic - D		0.047	0.050		1	-6.76%	(-10.59) - (4.920)	EPA 200.8	
Arsenic - D		0.048	0.050		1	-3.98%	(-10.59) - (4.920)	EPA 200.8	
Arsenic - D		0.049	0.050		1	-1.76%	(-10.59) - (4.920)	EPA 200.8	
Arsenic - D		0.048	0.050		1	-3.84%	(-9.991) - (3.499)	EPA 200.8	
Arsenic - D		0.048	0.050		1	-3.52%	(-9.991) - (3.499)	EPA 200.8	
Arsenic - D		0.054	0.050		1	7.38%	(-9.991) - (3.499)	EPA 200.8	X
- Recovery was within 10% of expected value									
Arsenic - D		0.048	0.050		1	-4.92%	(-9.991) - (3.499)	EPA 200.8	
Arsenic - D		0.049	0.050		1	-2.22%	(-9.991) - (3.499)	EPA 200.8	
Arsenic - D		0.049	0.050		1	-2.36%	(-9.991) - (3.499)	EPA 200.8	
Arsenic - D		0.048	0.050		1	-5.02%	(-9.991) - (3.499)	EPA 200.8	
Arsenic - D		0.048	0.050		1	-5.00%	(-9.991) - (3.499)	EPA 200.8	
Barium - D		0.050	0.050		1	-0.240%	(-6.842) - (4.309)	EPA 200.8	
Barium - D		0.050	0.050		1	-0.520%	(-6.842) - (4.309)	EPA 200.8	
Barium - D		0.052	0.050		1	4.38%	(-6.842) - (4.309)	EPA 200.8	X
- Recovery was within 10% of expected value									
Barium - D		0.049	0.050		1	-1.76%	(-7.648) - (5.593)	EPA 200.8	
Barium - D		0.050	0.050		1	-0.520%	(-7.672) - (5.591)	EPA 200.8	
Barium - D		0.049	0.050		1	-1.64%	(-7.672) - (5.591)	EPA 200.8	
Barium - D		0.050	0.050		1	0.360%	(-7.672) - (5.591)	EPA 200.8	
Barium - D		0.052	0.050		1	4.58%	(-10.68) - (5.819)	EPA 200.8	
Barium - D		0.051	0.050		1	1.24%	(-10.68) - (5.819)	EPA 200.8	
Barium - D		0.047	0.050		1	-6.40%	(-10.68) - (5.819)	EPA 200.8	
Barium - D		0.048	0.050		1	-4.88%	(-10.68) - (5.819)	EPA 200.8	
Barium - D		0.050	0.050		1	0.820%	(-10.68) - (5.819)	EPA 200.8	
Barium - D		0.049	0.050		1	-2.98%	(-10.68) - (5.819)	EPA 200.8	
Barium - D		0.052	0.050		1	4.10%	(-10.68) - (5.819)	EPA 200.8	
Barium - D		0.048	0.050		1	-3.62%	(-13.31) - (8.702)	EPA 200.8	
Barium - D		0.049	0.050		1	-1.64%	(-13.31) - (8.702)	EPA 200.8	
Barium - D		0.049	0.050		1	-2.62%	(-13.31) - (8.702)	EPA 200.8	
Barium - D		0.051	0.050		1	2.70%	(-13.31) - (8.702)	EPA 200.8	
Barium - D		0.048	0.050		1	-3.56%	(-13.31) - (8.702)	EPA 200.8	
Barium - D		0.048	0.050		1	-4.36%	(-13.31) - (8.702)	EPA 200.8	
Barium - D		0.049	0.050		1	-1.84%	(-13.31) - (8.702)	EPA 200.8	
Barium - D		0.049	0.050		1	-2.68%	(-13.31) - (8.702)	EPA 200.8	
Cadmium - D		0.049	0.050		1	-1.48%	(-6.942) - (4.509)	EPA 200.8	
Cadmium - D		0.050	0.050		1	-0.840%	(-6.942) - (4.509)	EPA 200.8	
Cadmium - D		0.050	0.050		1	-0.720%	(-6.942) - (4.509)	EPA 200.8	
Cadmium - D		0.050	0.050		1	-0.660%	(-6.446) - (3.425)	EPA 200.8	
Cadmium - D		0.050	0.050		1	0.180%	(-6.388) - (3.287)	EPA 200.8	
Cadmium - D		0.050	0.050		1	0.180%	(-6.388) - (3.287)	EPA 200.8	
Cadmium - D		0.050	0.050		1	-0.720%	(-6.388) - (3.287)	EPA 200.8	
Cadmium - D		0.049	0.050		1	-1.64%	(-6.851) - (4.355)	EPA 200.8	
Cadmium - D		0.050	0.050		1	-0.220%	(-6.851) - (4.355)	EPA 200.8	

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method
Continuing Calibration Verification								
Cadmium - D		0.049	0.050		1	-2.18%	(-6.851) - (4.355)	EPA 200.8
Cadmium - D		0.049	0.050		1	-1.32%	(-6.851) - (4.355)	EPA 200.8
Cadmium - D		0.049	0.050		1	-1.48%	(-6.851) - (4.355)	EPA 200.8
Cadmium - D		0.050	0.050		1	-1.10%	(-6.851) - (4.355)	EPA 200.8
Cadmium - D		0.050	0.050		1	-1.06%	(-6.851) - (4.355)	EPA 200.8
Cadmium - D		0.049	0.050		1	-2.42%	(-6.215) - (3.899)	EPA 200.8
Cadmium - D		0.051	0.050		1	1.94%	(-6.215) - (3.899)	EPA 200.8
Cadmium - D		0.049	0.050		1	-3.00%	(-6.215) - (3.899)	EPA 200.8
Cadmium - D		0.049	0.050		1	-3.02%	(-6.215) - (3.899)	EPA 200.8
Cadmium - D		0.049	0.050		1	-1.46%	(-6.215) - (3.899)	EPA 200.8
Cadmium - D		0.048	0.050		1	-3.68%	(-6.215) - (3.899)	EPA 200.8
Cadmium - D		0.048	0.050		1	-3.64%	(-6.215) - (3.899)	EPA 200.8
Cadmium - D		0.049	0.050		1	-2.82%	(-6.215) - (3.899)	EPA 200.8
Chromium - D		0.049	0.050		1	-1.54%	(-17.13) - (14.29)	EPA 200.8 DRC
Chromium - D		0.051	0.050		1	2.42%	(-17.13) - (14.29)	EPA 200.8 DRC
Chromium - D		0.055	0.050		1	9.54%	(-17.13) - (14.29)	EPA 200.8 DRC
Chromium - D		0.052	0.050		1	4.42%	(-16.52) - (16.17)	EPA 200.8 DRC
Chromium - D		0.049	0.050		1	-1.54%	(-16.17) - (16.65)	EPA 200.8 DRC
Chromium - D		0.055	0.050		1	9.80%	(-16.17) - (16.65)	EPA 200.8 DRC
Chromium - D		0.047	0.050		1	-5.34%	(-16.17) - (16.65)	EPA 200.8 DRC
Chromium - D		0.054	0.050		1	8.44%	(-12.51) - (14.48)	EPA 200.8 DRC
Chromium - D		0.053	0.050		1	6.76%	(-12.51) - (14.48)	EPA 200.8 DRC
Chromium - D		0.054	0.050		1	7.58%	(-12.51) - (14.48)	EPA 200.8 DRC
Chromium - D		0.053	0.050		1	5.92%	(-12.51) - (14.48)	EPA 200.8 DRC
Chromium - D		0.051	0.050		1	2.74%	(-12.51) - (14.48)	EPA 200.8 DRC
Chromium - D		0.050	0.050		1	-0.660%	(-12.51) - (14.48)	EPA 200.8 DRC
Chromium - D		0.052	0.050		1	4.70%	(-12.51) - (14.48)	EPA 200.8 DRC
Chromium - D		0.047	0.050		1	-6.84%	(-13.00) - (15.95)	EPA 200.8 DRC
Chromium - D		0.047	0.050		1	-6.02%	(-13.00) - (15.95)	EPA 200.8 DRC
Chromium - D		0.049	0.050		1	-2.60%	(-13.00) - (15.95)	EPA 200.8 DRC
Chromium - D		0.049	0.050		1	-2.30%	(-13.00) - (15.95)	EPA 200.8 DRC
Chromium - D		0.048	0.050		1	-4.16%	(-13.00) - (15.95)	EPA 200.8 DRC
Chromium - D		0.047	0.050		1	-6.20%	(-13.00) - (15.95)	EPA 200.8 DRC
Chromium - D		0.050	0.050		1	-0.800%	(-13.00) - (15.95)	EPA 200.8 DRC
Chromium - D		0.049	0.050		1	-1.80%	(-13.00) - (15.95)	EPA 200.8 DRC
Lead - D		0.0506	0.0500		1	1.26%	(-6.824) - (5.538)	EPA 200.8
Lead - D		0.0499	0.0500		1	-0.220%	(-6.824) - (5.538)	EPA 200.8
Lead - D		0.0505	0.0500		1	0.940%	(-6.824) - (5.538)	EPA 200.8
Lead - D		0.0497	0.0500		1	-0.520%	(-5.458) - (5.172)	EPA 200.8
Lead - D		0.0497	0.0500		1	-0.600%	(-5.478) - (5.042)	EPA 200.8
Lead - D		0.0499	0.0500		1	-0.220%	(-5.478) - (5.042)	EPA 200.8
Lead - D		0.0503	0.0500		1	0.540%	(-5.478) - (5.042)	EPA 200.8
Lead - D		0.0496	0.0500		1	-0.880%	(-4.682) - (5.734)	EPA 200.8
Lead - D		0.0489	0.0500		1	-2.16%	(-4.682) - (5.734)	EPA 200.8
Lead - D		0.0501	0.0500		1	0.220%	(-4.682) - (5.734)	EPA 200.8
Lead - D		0.0498	0.0500		1	-0.420%	(-4.682) - (5.734)	EPA 200.8

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method
Continuing Calibration Verification								
Lead - D		0.0497	0.0500		1	-0.620%	(-4.682) - (5.734)	EPA 200.8
Lead - D		0.0491	0.0500		1	-1.86%	(-4.682) - (5.734)	EPA 200.8
Lead - D		0.0503	0.0500		1	0.520%	(-4.682) - (5.734)	EPA 200.8
Lead - D		0.0488	0.0500		1	-2.34%	(-5.062) - (5.246)	EPA 200.8
Lead - D		0.0495	0.0500		1	-1.00%	(-5.062) - (5.246)	EPA 200.8
Lead - D		0.0491	0.0500		1	-1.80%	(-5.062) - (5.246)	EPA 200.8
Lead - D		0.0486	0.0500		1	-2.86%	(-5.062) - (5.246)	EPA 200.8
Lead - D		0.0488	0.0500		1	-2.48%	(-5.062) - (5.246)	EPA 200.8
Lead - D		0.0513	0.0500		1	2.68%	(-5.062) - (5.246)	EPA 200.8
Lead - D		0.0490	0.0500		1	-1.96%	(-5.062) - (5.246)	EPA 200.8
Lead - D		0.0495	0.0500		1	-0.980%	(-5.062) - (5.246)	EPA 200.8
Selenium - D		0.246	0.250		1	-1.77%	(-10.08) - (6.402)	EPA 200.8
Selenium - D		0.251	0.250		1	0.376%	(-10.08) - (6.402)	EPA 200.8
Selenium - D		0.250	0.250		1	-0.012%	(-10.08) - (6.402)	EPA 200.8
Selenium - D		0.246	0.250		1	-1.80%	(-6.927) - (2.409)	EPA 200.8
Selenium - D		0.244	0.250		1	-2.48%	(-6.787) - (2.107)	EPA 200.8
Selenium - D		0.246	0.250		1	-1.77%	(-6.787) - (2.107)	EPA 200.8
Selenium - D		0.246	0.250		1	-1.52%	(-6.787) - (2.107)	EPA 200.8
Selenium - D		0.246	0.250		1	-1.72%	(-8.557) - (4.714)	EPA 200.8
Selenium - D		0.248	0.250		1	-0.736%	(-8.557) - (4.714)	EPA 200.8
Selenium - D		0.246	0.250		1	-1.67%	(-8.557) - (4.714)	EPA 200.8
Selenium - D		0.248	0.250		1	-0.948%	(-8.557) - (4.714)	EPA 200.8
Selenium - D		0.242	0.250		1	-3.31%	(-8.557) - (4.714)	EPA 200.8
Selenium - D		0.229	0.250		1	-8.43%	(-8.557) - (4.714)	EPA 200.8
Selenium - D		0.252	0.250		1	0.756%	(-7.638) - (4.014)	EPA 200.8
Selenium - D		0.242	0.250		1	-3.06%	(-7.638) - (4.014)	EPA 200.8
Selenium - D		0.241	0.250		1	-3.54%	(-7.638) - (4.014)	EPA 200.8
Selenium - D		0.245	0.250		1	-1.86%	(-7.638) - (4.014)	EPA 200.8
Selenium - D		0.241	0.250		1	-3.76%	(-7.638) - (4.014)	EPA 200.8
Selenium - D		0.244	0.250		1	-2.35%	(-7.638) - (4.014)	EPA 200.8
Selenium - D		0.242	0.250		1	-3.01%	(-7.638) - (4.014)	EPA 200.8
Selenium - D		0.240	0.250		1	-4.04%	(-7.638) - (4.014)	EPA 200.8
Silver - D		0.0497	0.0500		1	-0.680%	(-11.80) - (10.39)	EPA 200.8
Silver - D		0.0495	0.0500		1	-0.940%	(-11.80) - (10.39)	EPA 200.8
Silver - D		0.0499	0.0500		1	-0.160%	(-11.80) - (10.39)	EPA 200.8
Silver - D		0.0504	0.0500		1	0.880%	(-11.50) - (6.584)	EPA 200.8
Silver - D		0.0511	0.0500		1	2.26%	(-11.63) - (6.982)	EPA 200.8
Silver - D		0.0513	0.0500		1	2.64%	(-11.63) - (6.982)	EPA 200.8
Silver - D		0.0499	0.0500		1	-0.160%	(-11.63) - (6.982)	EPA 200.8
Silver - D		0.0506	0.0500		1	1.22%	(-5.255) - (6.631)	EPA 200.8
Silver - D		0.0499	0.0500		1	-0.300%	(-5.255) - (6.631)	EPA 200.8
Silver - D		0.0528	0.0500		1	5.68%	(-5.255) - (6.631)	EPA 200.8
Silver - D		0.0514	0.0500		1	2.76%	(-5.255) - (6.631)	EPA 200.8
Silver - D		0.0501	0.0500		1	0.160%	(-5.255) - (6.631)	EPA 200.8
Silver - D		0.0508	0.0500		1	1.50%	(-5.255) - (6.631)	EPA 200.8
Silver - D		0.0500	0.0500		1	-0.080%	(-5.255) - (6.631)	EPA 200.8

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method	
Continuing Calibration Verification									
Silver - D		0.0499	0.0500		1	-0.260%	(-4.971) - (7.307)	EPA 200.8	
Silver - D		0.0490	0.0500		1	-1.94%	(-4.971) - (7.307)	EPA 200.8	
Silver - D		0.0492	0.0500		1	-1.68%	(-4.971) - (7.307)	EPA 200.8	
Silver - D		0.0481	0.0500		1	-3.82%	(-4.971) - (7.307)	EPA 200.8	
Silver - D		0.0496	0.0500		1	-0.840%	(-4.971) - (7.307)	EPA 200.8	
Silver - D		0.0466	0.0500		1	-6.88%	(-4.971) - (7.307)	EPA 200.8	X
- Recovery was within 10% of expected value									
Silver - D		0.0469	0.0500		1	-6.14%	(-4.971) - (7.307)	EPA 200.8	X
- Recovery was within 10% of expected value									
Silver - D		0.0498	0.0500		1	-0.420%	(-4.971) - (7.307)	EPA 200.8	
Mercury - T		0.0050	0.0050		1	0.200%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-0.500%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0010	0.0010		1	2.00%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	1.50%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.00%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-1.00%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	0.00%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	0.00%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.00%	(-10.36) - (8.290)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-1.50%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.00%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.50%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.50%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.00%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0019	0.0020		1	-4.00%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0010	0.0010		1	-1.00%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0051	0.0050		1	1.20%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.00%	(-4.774) - (5.024)	EPA 245.1	
Mercury - T		0.0019	0.0020		1	-7.50%	(-6.300) - (4.230)	EPA 245.1	X
- Recovery was within 10% of expected value									
Mercury - T		0.0019	0.0020		1	-6.00%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.00%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0019	0.0020		1	-6.00%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0018	0.0020		1	-9.50%	(-6.300) - (4.230)	EPA 245.1	X
- Recovery was within 10% of expected value									
Mercury - T		0.0019	0.0020		1	-5.50%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0020	0.0020		1	-2.50%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0049	0.0050		1	-2.40%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0019	0.0020		1	-5.50%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0010	0.0010		1	-4.00%	(-6.300) - (4.230)	EPA 245.1	
Mercury - T		0.0018	0.0020		1	-8.00%	(-6.300) - (4.230)	EPA 245.1	X
- Recovery was within 10% of expected value									
Mercury - T		0.0019	0.0020		1	-6.50%	(-6.300) - (4.230)	EPA 245.1	X
- Recovery was within 10% of expected value									
Mercury - T		0.0019	0.0020		1	-6.00%	(-6.300) - (4.230)	EPA 245.1	
Benzene		23.0	25.0		1	-8.03%	(-17.26) - (-4.251)	SW846 8021B	

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method
Continuing Calibration Verification								
Benzene		22.4	25.0		1	-10.5 %	(-17.40) - (-3.887)	SW846 8021B
Ethylbenzene		23.9	25.0		1	-4.44%	(-19.34) - (3.937)	SW846 8021B
Ethylbenzene		23.2	25.0		1	-7.40%	(-18.16) - (3.715)	SW846 8021B
Naphthalene		25.5	25.0		1	2.03%	(-50.72) - (28.29)	SW846 8021B
Naphthalene		19.9	25.0		1	-20.4 %	(-48.92) - (29.26)	SW846 8021B
Toluene		23.7	25.0		1	-5.38%	(-19.30) - (2.010)	SW846 8021B
Toluene		22.9	25.0		1	-8.51%	(-18.33) - (1.914)	SW846 8021B
Xylenes(o,m,p)		69.9	75.0		1	-6.77%	(-20.90) - (2.171)	SW846 8021B
Xylenes(o,m,p)		68.0	75.0		1	-9.32%	(-19.84) - (1.954)	SW846 8021B
TPH Gas		1930	2000		1	-3.70%	(-13.87) - (11.04)	SW846 8015B
TPH Gas		1820	2000		1	-9.22%	(-14.03) - (11.05)	SW846 8015B
TPH-Diesel		1030	1000		1	2.50%	(-37.69) - (29.50)	SW846 8015B-S
TPH-Diesel		837	1000		1	-16.3 %	(-37.69) - (29.50)	SW846 8015B-S
Lab Control Spike								
Benzene		0.964	0.00	1.00	1	96.4 %	(66.50) - (134.0)	SW846 8021B-S
Ethylbenzene		0.998	0.00	1.00	1	99.80%	(66.31) - (137.6)	SW846 8021B-S
Naphthalene		0.997	0.00	1.00	1	99.70%	(44.92) - (125.2)	SW846 8021B-S
Toluene		0.997	0.00	1.00	1	99.70%	(66.45) - (140.7)	SW846 8021B-S
Xylenes(o,m,p)		2.95	0.00	3.00	1	98.4 %	(64.54) - (141.2)	SW846 8021B-S
TPH Gas		97.3	0.00	100	1	97.3 %	(75.47) - (111.8)	SW846 8015B-S
SGT-TEH		173	0.00	200	1	86.4 %		SW-846-8015B
TPH-Diesel		169	0.00	200	1	84.6 %	(68.28) - (98.48)	SW846 8015B-S
Initial Calibration Blank								
Mercury - T		0.0000	0.000		1	0.00002	(-0.0001) - (0.0001)	EPA 245.1
Mercury - T		0.0000	0.000		1	-0.00002	(-0.0001) - (0.0001)	EPA 245.1
Mercury - T		0.0001	0.000		1	0.00005	(-0.0001) - (0.0001)	EPA 245.1
Continuing Calibration Blank								
Arsenic - D		0.000	0.00		1	0.0001	(-0.0001) - (0.0001)	EPA 200.8
Arsenic - D		0.000	0.00		1	0.00006	(-0.0001) - (0.0002)	EPA 200.8
Arsenic - D		0.000	0.00		1	0.00007	(-0.0001) - (0.0002)	EPA 200.8
Barium - D		0.00	0.00		1	0	(0.0000) - (0.0000)	EPA 200.8
Barium - D		0.00	0.00		1	0	(0.0000) - (0.0000)	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	(0.0000) - (0.0000)	EPA 200.8
Cadmium - D		0.00	0.00		1	0	(0.0000) - (0.0000)	EPA 200.8
Cadmium - D		0.000	0.00		1	0.00001	(0.0000) - (0.0000)	EPA 200.8
Chromium - D		0.000	0.00		1	0.00001	(0.0000) - (0.0000)	EPA 200.8 DRC
Chromium - D		0.00	0.00		1	0	(0.0000) - (0.0000)	EPA 200.8 DRC
Chromium - D		0.000	0.00		1	0.00001	(0.0000) - (0.0000)	EPA 200.8 DRC
Lead - D		0.000	0.000		1	0	(0.0000) - (0.0001)	EPA 200.8
Lead - D		0.000	0.000		1	0	(0.0000) - (0.0001)	EPA 200.8
Lead - D		0.0000	0.000		1	0.00001	(0.0000) - (0.0000)	EPA 200.8
Selenium - D		0.000	0.00		1	0.00005	(-0.0001) - (0.0003)	EPA 200.8

Lab Numbers: **20251029541 - 20251029548**

Parameter	Lab#	QC Value	Smp Value	Spike	DF	Result	Limits	Method	
Continuing Calibration Blank									
Selenium - D		0.000	0.00		1	0.00006	(-0.0001) - (0.0003)	EPA 200.8	
Selenium - D		0.000	0.00		1	0.00012	(-0.0001) - (0.0003)	EPA 200.8	
Silver - D		0.0000	0.000		1	0.00001	(-0.0001) - (0.0001)	EPA 200.8	
Silver - D		0.0000	0.000		1	0.00003	(0.0000) - (0.0000)	EPA 200.8	
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00002	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	-0.00003	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	-0.00001	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	-0.00002	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	-0.00002	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	-0.00002	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.0000	0.000		1	-0.00001	(-0.0001) - (0.0001)	EPA 245.1	
Mercury - T		0.000	0.000		1	0	(-0.0001) - (0.0000)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00002	(-0.0001) - (0.0000)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0000)	EPA 245.1	
Mercury - T		0.000	0.000		1	0	(-0.0001) - (0.0000)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00003	(-0.0001) - (0.0000)	EPA 245.1	X
- Blank value is less than half of the reporting limit									
Mercury - T		0.0000	0.000		1	0.00004	(-0.0001) - (0.0000)	EPA 245.1	X
- Blank value is less than half of the reporting limit									
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0000)	EPA 245.1	
Mercury - T		0.0000	0.000		1	0.00003	(-0.0001) - (0.0000)	EPA 245.1	X
- Blank value is less than half of the reporting limit									
Mercury - T		0.0000	0.000		1	0.00002	(-0.0001) - (0.0000)	EPA 245.1	
- Blank value is less than half of the reporting limit									
Mercury - T		0.0000	0.000		1	0.00001	(-0.0001) - (0.0000)	EPA 245.1	
Lab Reagent Blank									
Benzene		0.00	0.00		1	0	(0.000) - (0.000)	SW846 8021B-S	
Ethylbenzene		0.00	0.00		1	0	(0.000) - (0.000)	SW846 8021B-S	
Naphthalene		0.00	0.00		1	0	(0.000) - (0.000)	SW846 8021B-S	
Toluene		0.033	0.00		1	0.03315	(-0.0172) - (0.0214)	SW846 8021B-S	X
- Blank value is less than half of the reporting limit									
Xylenes(o,m,p)		0.00	0.00		1	0	(-0.0734) - (0.1343)	SW846 8021B-S	
TPH Gas		0.00	0.00		1	0	(-1.497) - (3.506)	SW846 8015B-S	
SGT-TEH		4.00	0.00		1	4		SW-846-8015B	
TPH-Diesel		0.00	0.00		1	0	(-4.488) - (7.178)	SW846 8015B-S	

Approved By: 

Approved On: 11/25/2025 09:52 AM

CHAIN OF CUSTODY RECORD

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

Company	GEOTEK
Project Name / Mgr.	GOLT EDGE FUEL DEPO / DRM
Project Number	25-1906
Sampled by	Signature
Sampled by	Print DANIEL R HANSON

ANALYSES REQUESTED	PRESERVED WITH	FILTERED (Y/N)	REFRIGERATED (Y/N)
BTEX & GRO			X
NAPHTH. & PROJECT			X
TCLP & RCRA			X
C# WASTE CHAR			

FOR LAB USE ONLY

Seal Intact (Y/N)/Number

Sample Condition: Good

Temperature of Container: 7.2°C on ice

REQUESTED TURN AROUND

STANDARD_____ RUSH_____

	SAMPLE NAME	DATE	TIME	MATRIX	NO. OF CONTAINERS	BTEX & GRO	NAPTH. & PROJECT	TCLP & RCRA	C# WASTE CHAR	COMMENTS	LAB #
1	#1 (0-3")	10-29-25		SOIL	2	X	X	X		2025/029	541
2	#2 (0-3")	〃	〃	〃	〃	X	X				542
3	#3 (0-3")	〃	〃	〃	〃	X	X				543
4	#4 (0-3")	〃	〃	〃	〃	X	X				544
5	#5 (0-3")	〃	〃	〃	〃	X	X				545
6	#6 (0-3")	〃	〃	〃	〃	X	X				546
7	#7 (0-3")	〃	〃	〃	〃	X	X				547
8	#8 (0-3")	〃	〃	〃	〃	X	X				548
9											
10											
11											
12											

RELINQUISHED BY (Signature)	COMPANY NAME	DATE	TIME	RECEIVED BY (Signature)	COMPANY NAME	DATE	TIME
	GEOTEK	10-29-25	11:30	Samya Nelsen	MCT	11/29/25	11:30am

FORM 113D

MIDCONTINENT TESTING LABORATORIES

SAMPLE RECEIPT CHECKLIST

Company Name: GeoTek

Date/Time Received: 10/29/25 (Date) / 1130 (Time)

Project: 25-1906

Received by: TJ

Lab Number(s): 20251029541-548

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? Container(s) Temp. 1. 7.2°C 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: TCLP metals added to analysis request per Dan Hanson via email. 10/30/25 DL

Silica gel Clean-up added 11/16/25 via email DL