

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2312340712
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # NAPP2312340712
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.72282 Longitude -104.31221
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Compromise SWD #001	Site Type Battery
Date Release Discovered 05/03/2023	API# (if applicable) 30-015-25665

Unit Letter	Section	Township	Range	County
A	30	18S	27E	Eddy

Surface Owner: State Federal Tribal Private (Name: Leavitt-Mangan)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release During battery decommission as part of the P&A of the well, historical impacts were discovered under the production storage tanks. Based on the assessment completed by the third-party environmental consultant, and based on their recommendation 5/3/23 that the impacts could possibly be considered reportable, this notification is being submitted. Due to these impacts being historical, there is no known release volume or material type.

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Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Chase Settle</u> Title: <u>Rep Safety & Environmental Sr</u> Signature: <u>Chase Settle</u> Date: <u>05/03/2023</u> email: <u>Chase_Settle@eogresources.com</u> Telephone: <u>575-748-1471</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>05/03/2023</u>

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<20 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: *Chase Settle* Date: 08/01/23
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Shelly Wells Date: 8/2/2023

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 08/01/23
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Shelly Wells Date: 8/2/2023

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____



701 Tradewinds Blvd
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Tel. 432-766-1918
www.ntgenvironmental.com

August 1, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Site Characterization and Remediation Update Report
Compromise SWD #1
EOG Resources, Inc.
Incident ID: nAPP2312340712
A-30-18S-27E, Eddy County, New Mexico**

1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of EOG Resources, Inc. (EOG), submits this Site Characterization and Remediation Update Report to the NMOCD District 2 Office in Artesia, New Mexico. This report provides documentation of initial soil delineation, sampling, analysis, and remediation activities conducted to date in the affected areas at the EOG Compromise SWD #1 (Site). The Site is located in Unit Letter A, Section 30 of Township 18 South and Range 27 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.72282° N Latitude and 104.31221° W Longitude. Figures 1 and 2 depict the Site location. The initial footprint of the release is depicted on Figure 3.

2. Background

A C-141, Release Notification, for this release was submitted to the NMOCD on May 3, 2023. The C-141 stated that during battery decommissioning historical impacts were discovered under the production storage tanks. Due to these impacts being historical, there is no known release volume or material type.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number nAPP2312340712. The Release Notification, Site Assessment/Characterization, and Remediation Plan portions of Form C-141 are attached to the front of this report.

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 August 1, 2023
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3. Groundwater and Site Characterization

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release (Table I), from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

The area is located in an area of medium karst potential. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases for any groundwater and water features, the Pecos River is within a ½ mile radius of the site. The nearest water well is 0.12 miles southwest of the site and was drilled in 2015. The Site characterization documentation (NM Oil and Gas Map, Points of Diversion, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided as Attachment A. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), the Site is located within an area with a depth to groundwater less than fifty (50) and meets the Closure Criteria for depth to groundwater less than fifty (50) feet in Table I.

On September 20, 2017, EOG had a background sample taken from the area for another release at the same location with approval and acceptance by the NMOCD of the background soil chloride concentration for the area. The laboratory analytical report and map of sample location is provided in Attachment E. The soil and closure criteria are listed below:

General Site Characterization and Groundwater: Table 3.1

Site Characterization	Average Groundwater Depth (ft)
Medium Karst	13-18ft

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	Total BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	Variable 600-1,200 mg/kg*	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined, *= chloride closure values fluctuate due to background chloride levels.					

Table 3.2 Update Chloride Closure due to Background Chlorides

Depth (ft)	Chloride Concentration (mg/Kg)
0-7	600
>7-12	720
≥13	1,200

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4. Initial Excavation and Soil Delineation Assessment Summary and Findings

On March 17, 2023, NTGE conducted initial assessment activities to assess the extent of impacts at the Compromise SWD #1 (Site). A total of two (2) sample points (S-1 through S-2) were installed to characterize the impact of the release. Soil samples were collected in half foot intervals ranging from depths of zero (0) to zero and one half (0.5) feet below ground surface (bgs). All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by EPA Method 8015B Modified, and chloride by EPA Method SM4500 by Cardinal Laboratories (Cardinal) in Hobbs, New Mexico. Analytical results from NTGE's assessment indicated that TPH concentrations exceeded the Table I Closure Criteria in S-1 and S-2.

On March 24, 2023, NTGE returned to site to further delineate the impacted area. A total of two (2) test pits (TP-1 through TP-2) as well as four (4) horizontal sample points (H-1 through H-4) were installed to characterize the impacted area. Soil samples were collected in two (2) ft intervals ranging from depths of one (1) to seven (7) ft bgs. All samples were analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified, and chloride by EPA Method SM4500 by Cardinal Laboratories (Cardinal) in Hobbs, New Mexico. Analytical results from NTGE's assessment indicated that S-1, S-2, and H-1 through H-3 exceeded chloride and/or TPH concentrations established in Table 1 Closure Criteria.

On April 26, 2023, NTGE returned to site to further delineate the impacted area. A total of five (5) base sample points (S-1 through S-5) as well as twelve (12) sidewall sample points (SW-1 through SW-12) were collected to characterize the impacted area of the release. Soil samples were collected from depths ranging from zero (0) to eight (8) ft bgs. All samples were analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified, and chloride by EPA Method SM4500 by Cardinal Laboratories (Cardinal) in Hobbs, New Mexico. Analytical results from NTGE's assessment indicated that S-1, S-4, S-5, and SW-1 through SW-10 exceeded chloride and/or TPH concentrations established in Table 1 Closure Criteria.

On May 2, 2023, NTGE returned to site to further delineate the impacted area after further excavation had occurred. A total of four (4) base sample points (S-1A, S-2A, S-4A, and S-5A) as well as twelve (12) sidewall sample points (SW-1A through SW-10A, SW-13 through SW-14) were collected to characterize the impacted area of the release. Soil samples were collected from depths ranging from zero (0) to ten (10) ft bgs. All samples were analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified, and chloride by EPA Method SM4500 by Cardinal Laboratories (Cardinal) in Hobbs, New Mexico. Analytical results from NTGE's assessment indicated that S-1A, S-2A, S-5A, and SW-1A, SW-2A, SW-4A through SW-7A, SW-9A and SW-14 exceeded chloride concentrations established in Table 1 Closure Criteria.

On July 17, 2023, NTGE was on site to further delineate the impacted area. One (1) base sample (GS-1) was collected to characterize the impact area of the release. The sample was collected at a depth of sixteen (16) ft bgs. All samples were analyzed for BTEX by

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EPA Method 8021B, TPH by EPA Method 8015B Modified, and chloride by EPA Method SM4500 by Cardinal Laboratories (Cardinal) in Hobbs, New Mexico. Analytical results from NTGE's assessment indicated that GS-1 exceeded chloride and TPH concentrations established in Table 1 Closure Criteria.

Based on the assessments conducted at the Site, it was reported to the NMOCD as a reportable spill on May 3, 2023.

Figure 3, Site Assessment Map, depicts the outline of the release area and sample locations. Analytical results are provided on Table 1, Summary of Soil Analytical Data, and in the Laboratory Analytical Reports and Chain-of-Custody Documentation provided in Attachment D. A Photographic Log is provided in Attachment C.

5. Remedial Action Activities and Confirmation Sampling

On May 3, 2023, NTGE and Standard Safety and Supply (Standard) mobilized to the site to begin remediation activities. Areas were excavated from six (6) feet to fourteen (14) feet in depth based on initial assessment results and field screenings. All samples collected represented an area no greater than 200 square.

Between June 6, 2023 to June 8th, 2023, NTGE collected sixty-one (61) bottom hole confirmation samples (CS-1 through CS-61), and forty-seven (47) sidewall samples (SW-1 through SW-47). The confirmation samples were submitted to Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico for analysis of BTEX, TPH, and chloride. Analytical results indicated CS-4, CS-8, CS-11, CS-12, CS-14, CS-16, CS-20 through CS-22, CS-24 through CS-26, CS-28 through CS-51, CS-53 through CS-56, and CS-58 through CS-61, SW-1 through SW-3, SW-5, SW-7, SW-8, SW-10 through SW-12, SW-21, SW-23, SW-25, SW-26, SW-28 through SW-43, and SW-45 through SW-47, exceeded chloride and/or TPH concentrations established in Table 1 Closure criteria. Impacted areas that were identified in this confirmation event will be further remediated.

On July 10, 2023, after further remedial efforts, NTGE returned to site to collect seven (7) base confirmation samples (CS-4A, CS-8A, CS-12A, CS-16A, CS-21A, CS-24A, and CS-25A). The confirmation samples were submitted to Hall for analysis of BTEX, TPH, and chloride. Analytical results indicated that CS-25A exceeded chloride concentrations while all other samples exhibited analyte concentrations that were under Table 1 Closure Criteria.

On July 11, 2023, after further remedial efforts, NTGE returned to site to collect eleven (11) base confirmation samples (CS-28A, CS-30A, CS-31A, CS-34A, CS-36A, CS-37A, CS-38A, CS-39A, CS-40A, CS-41A, and CS-50A). The confirmation samples were submitted to Hall for analysis of BTEX, TPH, and chloride. Analytical results indicated that all samples exhibited analyte concentrations below Table 1 Closure Criteria.

On July 12th, 2023, after further remedial efforts, NTGE returned to site to collect six (6) sidewall samples (SW-2A, SW-3A, SW-6A, SW-12A, SW-48, SW-49). The confirmation samples were submitted to Hall for analysis of BTEX, TPH, and chloride. Analytical results

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showed that SW-2A exhibited chloride concentrations above Table 1 Closure Criteria, all other samples were below analyte concentrations established in Table 1 Closure Criteria.

On July 20 and 21, 2023, after further remedial efforts, NTGE returned to site to collect four (8) base samples (CS-22A, CS-35A, CS-42A, CS-43A, CS-45A, CS -48A, CS-49A, and CS-51A). The confirmation samples were submitted to Hall for analysis of BTEX, TPH, and chloride. Analytical results are still pending.

On July 24 through 27, 2023, after further remedial efforts, NTGE returned to site to collect ten (26) base samples (CS-11A, CS-14A, CS-20A, CS -25B, CS-26A, CS-29A, CS-32A, CS-33A, CS-44A, CS-46A, CS-47A, CS-53A through CS-56A, CS-58A through CS-61A, CS-62 through CS-68) and twelve sidewall samples (SW-50 through SW-63). The confirmation samples were submitted to Hall for analysis of BTEX, TPH, and chloride. Analytical results are still pending.

The current excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 1, and in the Laboratory Analytical Reports provided in Attachment D. A Photographic Log is provided as Attachment C and Confirmation Sampling Notifications are provided as Attachment B.

6. nAPP2312340712 Remediation Update and Work Plan

- As of July 31, 2023, NTGE is awaiting laboratory results for CS-42A, CS-43A, CS-49A, and CS-51A, CS-22A, CS-35A, CS-45A, CS-48A, CS-11A, CS-14A, CS-44A, CS-46A, CS-47A, CS-53A, CS-58A through CS-61A, CS-20A, CS-25B, CS-26A, CS-29A, CS-32A, CS-33A, CS-54A through CS-56A, CS-62 through CS-68, SW-50, and SW-51 through SW-63.
- SW-2A will be extended outwards and resampled.
- All other sidewalls are currently undergoing field screenings before sampling and expanded until concentrations are below Site-Specific Closure Criteria. The proposed Site-Specific Closure Criteria for chloride concentration, based on the September 2017 Background Sample previously accepted by the NMOCD, are below:
 - 0-7 feet bgs 600 mg/kg
 - 7-12 feet bgs 720 mg/kg
 - ≥13 feet bgs 1,200 mg/kg
- Between May 3, 2023, and July 31, 2023, approximately 7,091.40 tons of impacted material was transported offsite for disposal at Lea Land, LLC located thirty (30) mile east of Carlsbad, New Mexico. Manifests are available upon request and aren't included in this report due to the size of the file.
- The volume remaining to be excavated is unknown at this time and will be based on pending analytical results and field screening.
- It is anticipated that remediation activities will be completed within ninety (90) days after work plan approval.
- A closure report documenting remediation activities will be prepared and submitted to the NMOCD when remediation activities are completed.

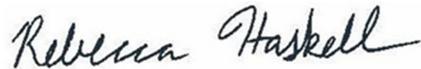
The Release Notification, Site Assessment/Characterization, and Remediation Plan portions of Form C-141 are attached to the front of this report.

Mr. Mike Bratcher
August 1, 2023
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If you have any questions regarding this report or need additional information, please contact us at 432-766-1918.

Sincerely,

NTG Environmental



Becky Haskell
Senior Project Manager

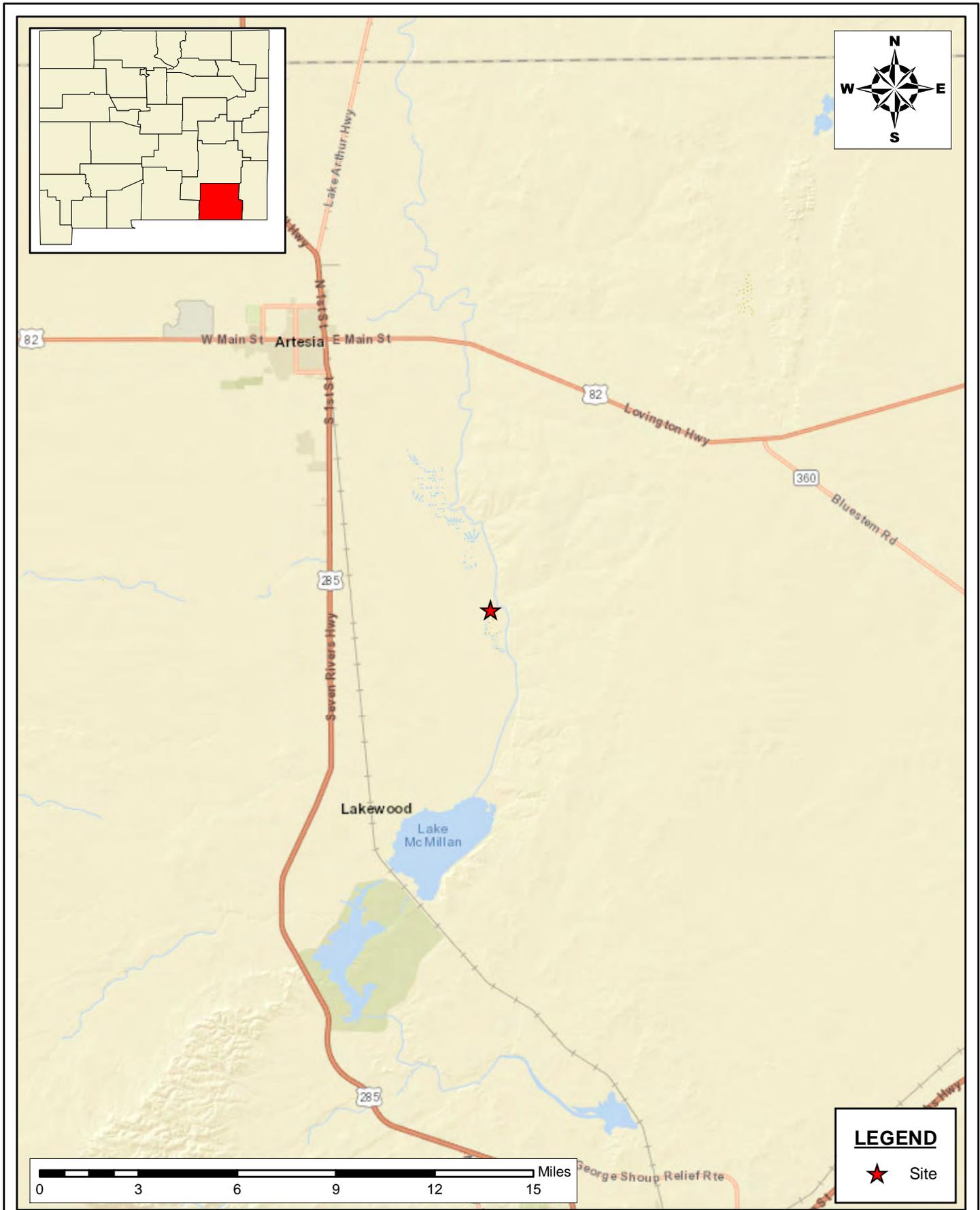
Attachments:

- Figure 1: Site Location Map
- Figure 2: Topographic Map
- Figure 3: Site Assessment Map
- Figure 4: Confirmation Sample Map
- Table 1: Summary of Soil Analytical Data
- Appendix A: Site Characterization Documentation
- Appendix B: Confirmation Sampling Notifications
- Appendix C: Photographic Log
- Appendix D: Laboratory Analytical Reports and Chain -of-Custody Documentation
- Appendix E: Background Sample



FIGURES





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SITE LOCATION MAP
SITE CHARACTERIZATION AND
REMEDIAL UPDATE REPORT
 COMPROMISE SWD
 EOG RESOURCES
 EDDY COUNTY, NEW MEXICO



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 Web: www.ntgenvironmental.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

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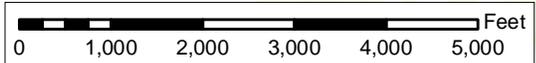
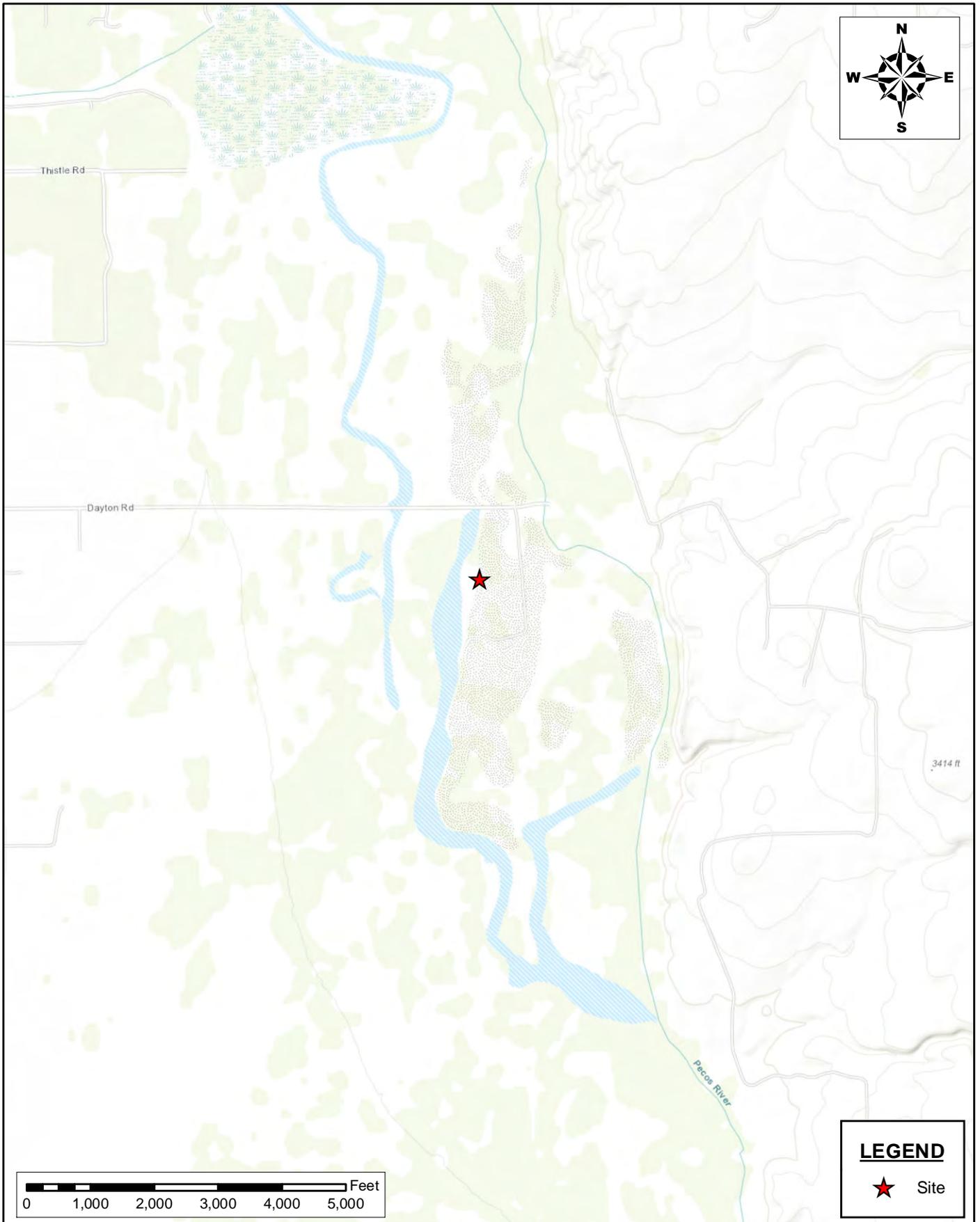
FIGURE 1

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1 of 1

SCALE: As Shown Date: 7/31/2023 PROJECT #: 237175

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LEGEND

★ Site

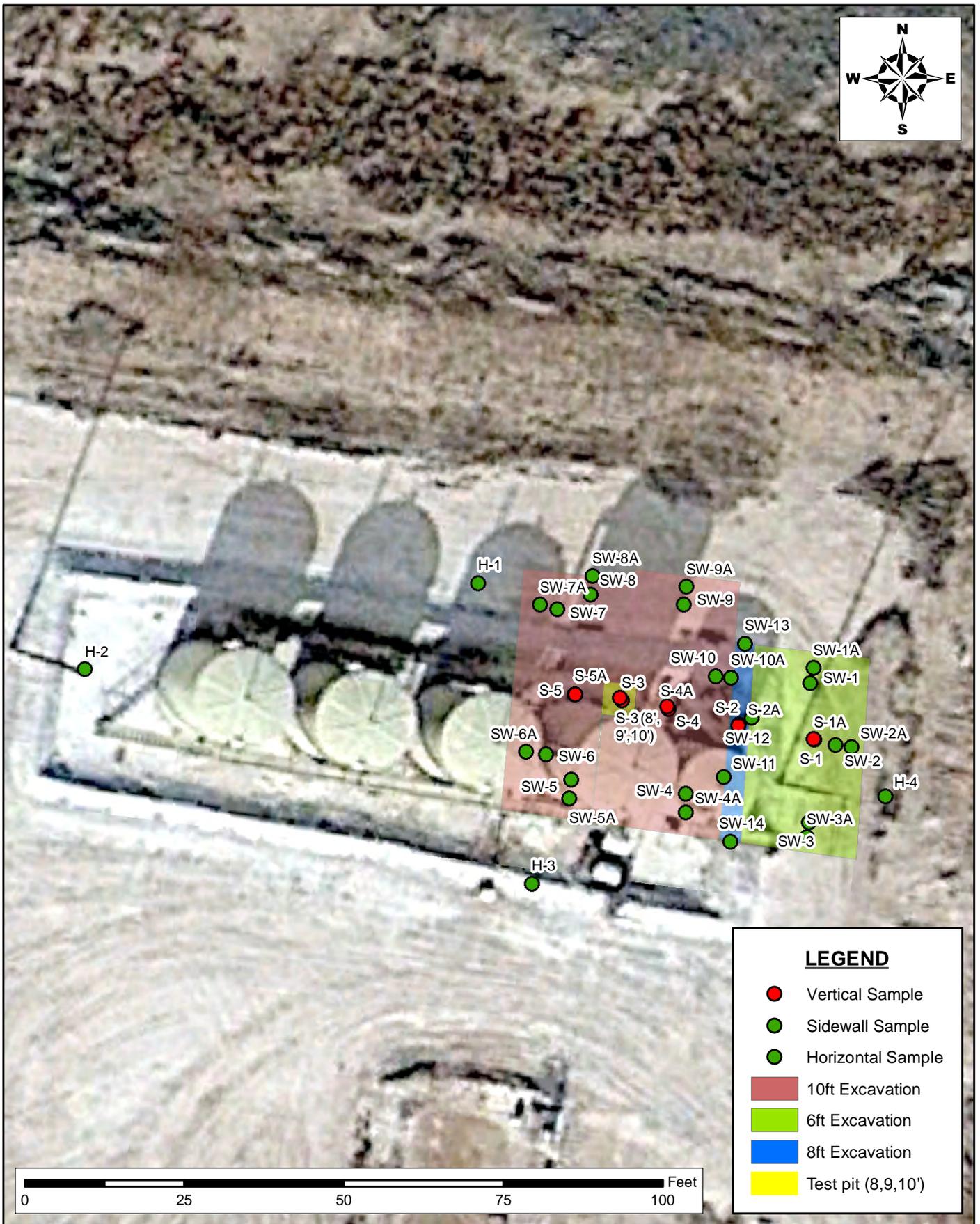
**TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND
REMEDATION UPDATE REPORT
COMPROMISE SWD
EOG RESOURCES
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 7/31/2023 PROJECT #: 237175

NTG
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NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
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LEGEND

- Vertical Sample
- Sidewall Sample
- Horizontal Sample
- 10ft Excavation
- 6ft Excavation
- 8ft Excavation
- Test pit (8,9,10')

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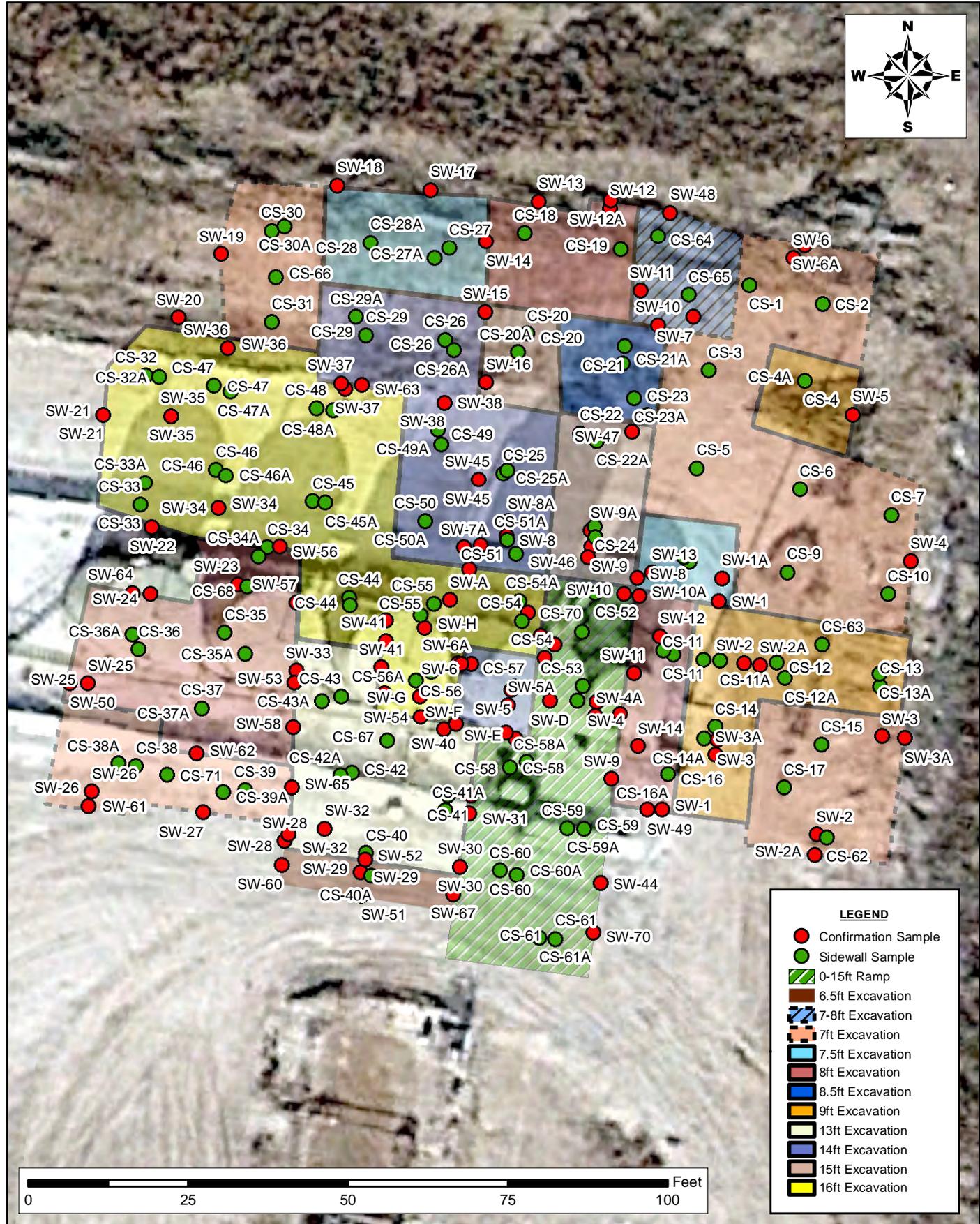
**INITIAL SAMPLING MAP
SITE CHARACTERIZATION AND
REMEDATION UPDATE REPORT
COMPROMISE SWD
EOG RESOURCES
EDDY COUNTY, NEW MEXICO**

SCALE: AS SHOWN DATE: 07/31/2023 PROJECT #: 237175

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Web: www.ntgenvironmental.com

NOTES:
1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

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FIGURE 3
SHEET NUMBER:
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**CONFIRMATION SAMPLING MAP
SITE CHARACTERIZATION AND
REMEDATION UPDATE REPORT
COMPROMISE SWD
EOG RESOURCES
EDDY COUNTY, NEW MEXICO**

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NOTES:
1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 4
SHEET NUMBER:
1 of 1

SCALE: AS SHOWN DATE: 07/31/2023 PROJECT #: 237175

TABLES



Table 1
 Summary of Soil Analytical Data
 Compromise SWD
 EOG Resources
 Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Total GRO/DRO/MRO (mg/kg)	Chloride (mg/kg)
								GRO (C6-C-10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)			
								10 mg/kg	---	---	---	50 mg/kg		
Initial Assessment Samples														
S-1 TP-1	3/17/2023	Surface	0.183	0.477	1.10	2.10	3.85	68.9	251	319.9	67.7	387.6	112	
	3/24/2023	1	0.249	1.38	7.12	16.90	25.7	361	629	996	<50.0	996	192	
	3/24/2023	3	26.3	19.1	209	494	748	9,220	10,300	19,520	1,200	20,720	512	
	3/24/2023	5	0.17	<0.050	1.13	0.659	1.95	15.4	98.2	113.6	10.5	124.1	2,000	
	3/24/2023	7	0.062	<0.050	0.691	1.03	1.79	15.9	108	123.9	12.4	136.3	3,240	
S-2 TP-2	3/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	62.7	62.7	52.6	115.3	244	
	3/24/2023	1	<0.050	<0.050	0.075	0.182	<0.300	<10.0	<10.0	<10.0	22.8	22.8	112	
	3/24/2023	3	<0.050	<0.050	0.117	0.268	<0.300	<10.0	10.8	10.8	12.8	23.6	176	
H-1	3/24/2023	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,360	
H-2	3/24/2023	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	225	225	75.6	300.6	912	
H-3	3/24/2023	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	220	220	83.9	303.9	5,760	
H-4	3/24/2023	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	19.5	19.5	192	
S-1	4/26/2023	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21	<10.0	<10	21	2,640	
S-1A	5/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,620	
S-2	4/26/2023	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304	
S-2A	5/2/2023	8'	<0.050	<0.050	0.29	0.997	1.29	82.5	602	684.5	79.7	764.2	272	
S-3	4/26/2023	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432	
S-4	4/26/2023	8	<0.050	<0.050	2.48	6.63	9.11	406	982	1388	59.1	1,447.1	304	
S-4A	5/2/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.2	20.2	<10.0	20.2	464	
S-5	4/26/2023	8	<0.050	<0.050	0.091	0.223	0.314	<10.0	19.3	19.3	<10.0	19.3	1,280	
S-5A	5/2/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,090	
G5-1	7/17/2023	16'	<0.050	<0.050	<0.050	<0.150	<0.300	13.6	556	569.6	105	674.6	1,630	
SW-1	4/26/2023	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.5	11.5	<10.0	11.5	3,280	
SW-1A	5/2/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,200	
SW-2	4/26/2023	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640	
SW-2A	5/2/2023	0-6	<0.050	0.069	1.08	8.00	9.15	195	706	901	162	1,063	1,120	
SW-3	4/26/2023	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.2	98.2	47	145.2	1,230	
SW-3A	5/2/2023	0-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
SW-4	4/26/2023	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,010	
SW-4A	5/2/2023	0-10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.4	25.4	13.6	39	948	
SW-5	4/26/2023	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,140	
SW-5A	5/2/2023	0-10'	<0.050	0.699	8.65	34.7	44.1	1140	1190	2330	194	2,524	640	
SW-6	4/26/2023	0-8	<0.050	<0.050	1.74	5.75	7.49	118	418	536	79.6	615.6	688	
SW-6A	5/2/2023	0-10	<0.200	8.72	105	214	328	6570	5380	11950	855	12,805	916	
SW-7	4/26/2023	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,720	
SW-7A	5/2/2023	0-10	<0.050	<0.050	0.122	0.344	0.466	<10.0	<10.0	<10.0	<10.0	<10.0	2,640	
SW-8	4/26/2023	0-8	0.094	<0.050	1.59	1.94	3.62	110	483	593	73.6	666.6	704	
SW-8A	5/2/2023	0-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384	
SW-9	4/26/2023	0-8	0.139	<0.050	1.3	1.43	2.87	29.5	102	131.5	10.8	142.3	576	
SW-9A	5/2/2023	0-10	<0.050	<0.050	0.082	<0.150	<0.300	<10.0	370	370	61.1	431.1	1,090	
SW-10	4/26/2023	0-8	<0.050	<0.050	<0.050	0.2	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	948	
SW-10A	5/2/2023	8-10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288	
SW-11	4/26/2023	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160	
SW-12	4/26/2023	1-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.5	22.5	13	35.5	320	
SW-13	5/2/2023	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-14	5/2/2023	0-8	<0.050	<0.050	<0.050	0.228	<0.300	<10.0	28.1	28.1	<10.0	28.1	608	

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Summary of Soil Analytical Data
Compromise SWD
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
Table 1 Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC													
Confirmation Samples													
CS-1	06/06/2023	7	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.8	<9.8	<49	<49	440
CS-2	06/06/2023	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<9.6	<48	<48	500
CS-3	06/06/2023	7	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<49	<49	340
CS-4	06/06/2023	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<9.7	<49	<49	1,400
CS-4A	07/10/2023	8	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.7	<9.7	<48	<48	500
CS-5	06/06/2023	7	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<9.5	<48	<48	310
CS-6	06/06/2023	7	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.2	<9.2	<46	<46	280
CS-7	06/06/2023	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<9.7	<48	<48	390
CS-8	06/06/2023	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<9.4	<47	<47	750
CS-8A	07/10/2023	7.5	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	490
CS-9	06/06/2023	7	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<9.6	<48	<48	580
CS-10	06/06/2023	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<9.6	<48	<48	230
CS-11	06/06/2023	7	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	16	16	<46	16	1,000
CS-12	06/06/2023	7	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	65	65	84	149	2,300
CS-12A	07/10/2023	9	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.9	<9.9	<49	<49	530
CS-13	06/06/2023	7	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.8	<9.8	<49	<49	520
CS-14	06/06/2023	7	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.4	<9.4	<47	<47	1,100
CS-15	06/06/2023	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<9.5	<48	<48	230
CS-16	06/06/2023	7	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	77	77	150	227	190
CS-16A	07/10/2023	8	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<10	<50	<50	200
CS-17	06/06/2023	7	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<9.6	<48	<48	400
CS-18	06/06/2023	8	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<9.9	<50	<50	190
CS-19	06/06/2023	8	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<9.9	<50	<50	430
CS-20	06/06/2023	8	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<9.8	<49	<49	1,000
CS-21	06/06/2023	8	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<10	<50	<50	790
CS-21A	07/10/2023	8.5	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<10	<10	<50	<50	410
CS-22	06/06/2023	8	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<9.5	<47	<47	2,200
CS-23	06/06/2023	7	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<10	<50	<50	570
CS-24	06/06/2023	8	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	18	18	<47	18	980
CS-24A	07/10/2023	9	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<9.6	<48	<48	650
CS-25	06/06/2023	8	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.3	<9.3	<46	<46	1,200
CS-25A	07/10/2023	9	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<9.5	<48	<48	770
CS-26	06/06/2023	6	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<9.8	<49	<49	1,000
CS-27	06/06/2023	6	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.2	<9.2	<46	<46	520
CS-28	06/06/2023	6	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.0	<9.9	<45	<45	1,800
CS-28A	07/11/2023	7.5	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.1	<9.1	<46	<46	470
CS-29	06/06/2023	6	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.4	<9.4	<47	<47	1,200
CS-30	06/06/2023	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<9.8	<49	<49	620
CS-30A	07/11/2023	7	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.4	<9.4	<47	<47	340
CS-31	06/06/2023	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<9.8	<49	<49	820
CS-31A	07/11/2023	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<9.8	<49	<49	240
CS-32	06/06/2023	6	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	11	11	<46	11	2,800
CS-33	06/06/2023	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	24	24	<44	24	3,300
CS-34	06/06/2023	6	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<9.7	<48	<48	1,100
CS-34A	07/11/2023	8	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.6	<9.6	<48	<48	600
CS-35	06/06/2023	6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	140	140	110	250	1,500

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								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)	
								10 mg/kg	50 mg/kg	100 mg/kg	600 mg/kg		
Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC													
CS-36	06/06/2023	6	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	950	950	530	1,480	360
CS-36A	07/11/2023	8	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.1	<9.1	<46	<46	400
CS-37	06/06/2023	6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	13	13	<50	13	1,200
CS-37A	07/11/2023	8	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.6	<9.6	<48	<48	250
CS-38	06/06/2023	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<9.9	<49	<49	1,100
CS-38A	07/11/2023	7	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<9.7	<48	<48	480
CS-39	06/06/2023	6	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	29	29	<46	29	860
CS-39A	07/11/2023	7	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.3	<9.3	<46	<46	190
CS-40	06/06/2023	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	17	17	<48	17	840
CS-40A	7/11/2023	7	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.7	<9.7	<48	<48	470
CS-41	06/06/2023	10	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.2	<9.2	<46	<46	790
CS-41A	07/11/2023	12	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.0	<9.0	<45	<45	540
CS-42	06/06/2023	10	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	35	35	<46	35	1,000
CS-43	06/06/2023	10	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<9.9	<50	<50	1,400
CS-44	06/06/2023	10	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.5	<9.5	<48	<48	1,100
CS-45	06/06/2023	10	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	30	30	<43	30	2,000
CS-46	06/06/2023	10	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<8.7	<8.7	<44	<44	820
CS-47	06/06/2023	10	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<8.8	<8.8	<44	<44	2,100
CS-48	06/06/2023	10	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<9.6	<48	<48	1,900
CS-49	06/06/2023	10	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<9.3	<47	<47	990
CS-50	06/06/2023	10	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.0	<9.0	<45	<45	1,300
CS-50A	07/11/2023	12	<0.024	<0.048	<0.048	<0.097	<0.097	13	<10	13	<50	13	350
CS-51	06/06/2023	10	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	13	13	<50	13	1,000
CS-52	06/06/2023	10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	11	11	<49	11	690
CS-53	06/06/2023	10	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	34	34	<44	34	1,600
CS-54	06/06/2023	14	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<9.3	<46	<46	1,500
CS-55	06/06/2023	14	<0.12	<0.23	0.61	<0.47	0.61	92	1000	1092	350	1,442	780
CS-56	06/06/2023	14	<0.025	<0.049	<0.049	<0.099	<0.10	14	28	42	<46	42	1,300
CS-57	06/06/2023	14	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<9.9	<50	<50	740
CS-58	06/06/2023	0-10	<0.024	<0.048	0.14	<0.097	0.14	99	470	570	120	690	1,500
CS-59	06/06/2023	0-10	<0.12	<0.24	0.78	0.83	1.6	210	260	480	51	531	1,300
CS-60	06/06/2023	0-10	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	53	53	<42	53	1,300
CS-61	06/06/2023	0-10	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	53	53	<43	53	2,200
Sidewall Samples													
SW-1	06/06/2023	0-7	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	62	62	<46	62	1,300
SW-2	06/06/2023	0-7	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.2	<9.2	<46	<46	17,000
SW-2A	07/12/2023	0-7	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<9.7	<47	<47	4,700
SW-3	06/06/2023	0-7	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	63	63	60	123	170
SW-3A	07/12/2023	0-7	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<9.8	<49	<49	140
SW-4	06/06/2023	0-7	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<10	<10	<50	<50	130
SW-5	06/06/2023	0-7	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	18	18	<44	18	1,400
SW-6	06/06/2023	0-7	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<8.7	<8.7	<44	<44	130
SW-6A	07/12/2023	0-7	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.1	<9.1	<46	<46	<60
SW-7	06/06/2023	0-7	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.7	<9.7	<49	<49	1,200
SW-8	06/06/2023	7-10	<0.024	<0.049	<0.049	<0.097	<0.097	9.9	220	230	92	322	660
SW-9	06/06/2023	7-10	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.1	<9.1	<46	<46	170
SW-10	06/06/2023	0-7	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<9.5	<48	<48	1,200

Table 1
 Summary of Soil Analytical Data
 Compromise SWD
 EOG Resources
 Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC													
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SW-11	06/06/2023	0-8	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.0	<9.0	<45	<45	2,300
SW-12	06/06/2023	0-8	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<8.4	<8.4	<42	<42	750
SW-12A	07/12/2023	0-8	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<9.8	<49	<49	250
SW-13	06/06/2023	0-8	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<9.5	<48	<48	370
SW-14	06/06/2023	6-8	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.3	<9.3	<46	<46	180
SW-15	06/06/2023	6-8	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.3	<9.3	<46	<46	220
SW-16	06/06/2023	0-6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<10	<50	<50	470
SW-17	06/07/2023	0-6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<9.8	<49	<49	390
SW-18	06/07/2023	0-6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<9.5	<47	<47	460
SW-19	06/07/2023	0-6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.1	<9.1	<46	<46	120
SW-20	06/07/2023	0-6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<9.9	<49	<49	180
SW-21	06/07/2023	0-6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	9.6	9.6	<48	9.6	3,300
SW-22	06/07/2023	0-6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.5	<9.5	<48	<48	280
SW-23	06/07/2023	0-6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	290	290	280	570	1,700
SW-24	06/07/2023	0-6	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.5	<9.5	<47	<47	580
SW-25	06/07/2023	0-6	<0.025	<0.050	<0.050	<0.10	<0.10	120	6700	6800	2300	9,100	1,100
SW-26	06/07/2023	0-6	<0.024	<0.049	<0.049	<0.098	<0.098	<6.3	<8.6	<8.6	<43	<43	1,200
SW-27	06/07/2023	0-6	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.8	<9.8	<49	<49	180
SW-28	06/07/2023	0-6	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.5	<9.5	<48	<48	2,100
SW-29	06/07/2023	0-6	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.3	<9.3	<46	<46	1,380
SW-30	06/07/2023	5-6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	160	160	130	290	1,300
SW-31	06/07/2023	8-10	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	86	86	56	142	1,200
SW-32	06/07/2023	6-10	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<9.8	<49	<49	1,900
SW-33	06/07/2023	6-10	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<8.9	<8.9	<44	<44	990
SW-34	06/07/2023	6-10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<9.9	<49	<49	11,000
SW-35	06/07/2023	6-10	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.9	<9.9	<49	<49	5,300
SW-36	06/07/2023	6-10	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<9.6	<48	<48	2,000
SW-37	06/07/2023	6-10	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.7	<9.7	<49	<49	850
SW-38	06/07/2023	6-10	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<9.8	<49	<49	3,400
SW-39	06/07/2023	7-10	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	34	34	76	110	1,500
SW-40	06/07/2023	10-14	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<9.8	<49	<49	1,500
SW-41	06/07/2023	10-14	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	33	33	<46	33	1,500
SW-42	06/07/2023	10-14	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	27	27	<50	27	2,300
SW-43	06/07/2023	10-14	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.2	<9.2	<46	<46	1,400
SW-44	06/07/2023	0-10	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.5	<9.5	<48	<48	520
SW-45	06/08/2023	8-10	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.7	<9.7	<49	<49	1,200
SW-46	06/08/2023	8-10	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	12	12	<47	12	850
SW-47	06/08/2023	7-8	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.5	<9.5	<47	<47	650
SW-48	07/12/2023	0-8	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<9.6	<48	<48	67
SW-49	07/12/2023	0-8	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<9.4	<47	<47	170

Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

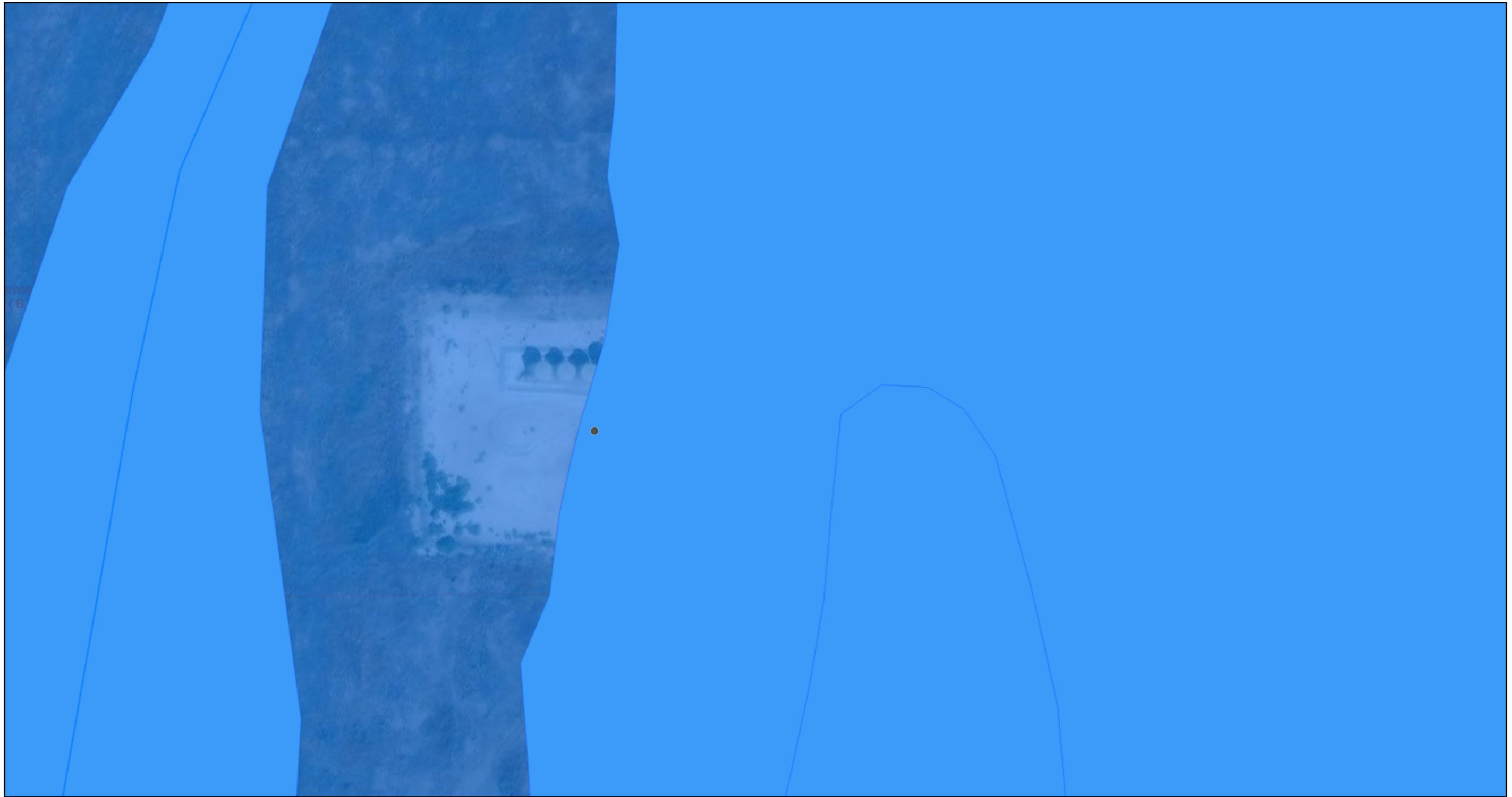
Table 1
Summary of Soil Analytical Data
 Compromise SWD
 EOG Resources
 Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Table 1 Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC													
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SP 1	Sample Point Excavated												

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION

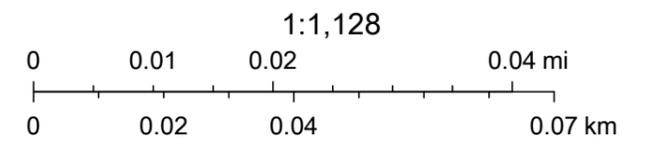


Site Characterization Map



7/31/2023, 1:05:09 PM

Karst Occurrence Potential OSW Water Bodys PLSS Second Division
 Medium OSE Streams PLSS First Division

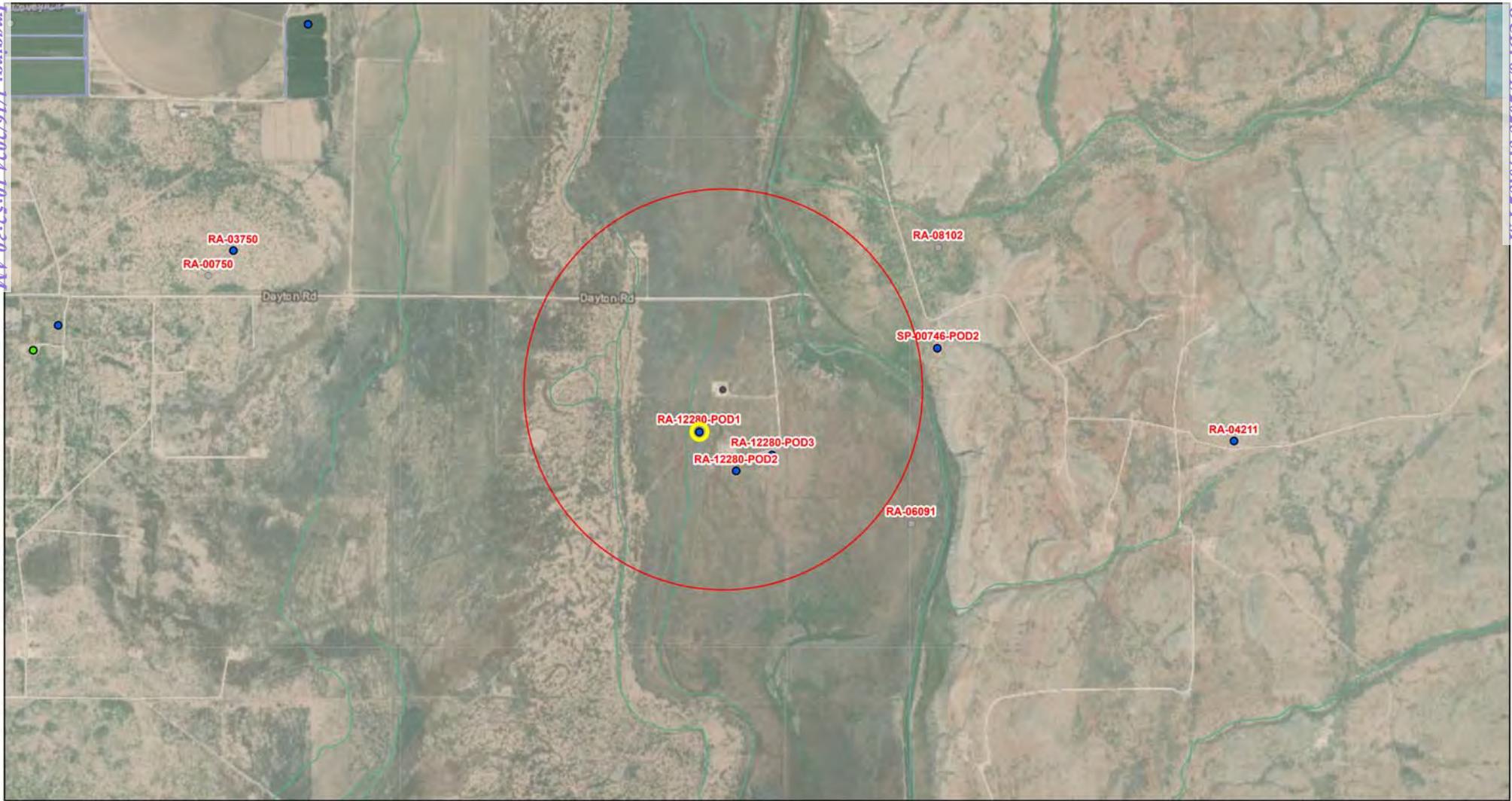


BLM, OCD, New Mexico Tech, Maxar, Microsoft, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Esri, HERE, Garmin, iPC, NM OSE, BLM

OSE POD Locations Map

Released to Imaging: 1/16/2024 10:52:30 AM

Received by OCD: 8/1/2023 3:40:32 PM



5/2/2023, 1:35:42 PM

GIS WATERS PODs

- Active
- Pending
-
- OSE District Boundary

Water Right Regulations

- Closure Area
- New Mexico State Trust Lands
- Both Estates

Conveyances

- Ditch
- Lateral

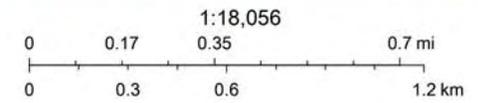
NHD Flowlines

- Artificial Path

Connector

- Stream River

SiteBoundaries



Esri, HERE, IPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, IPC, Maxar

Web Generated Map
Map is generated by web users.

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RA 12280	POD1	1	4	2	30	18S	27E	564352	3620584

Driller License: 1186	Driller Company: ENVIRO-DRILL, INC.	
Driller Name: HAMMER, RODNEY		
Drill Start Date: 07/20/2015	Drill Finish Date: 07/22/2015	Plug Date:
Log File Date: 08/28/2015	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 2.00	Depth Well: 25 feet	Depth Water: 13 feet

Water Bearing Stratifications:	Top	Bottom	Description
	0	25	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	10	25

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/2/23 9:22 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)				
Well Tag	POD Number	(quarters are smallest to largest)	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RA 12280	POD3		4	4	2	30	18S	27E	564647	3620494

Driller License: 1186	Driller Company: ENVIRO-DRILL, INC.	
Driller Name: HAMMER, RODNEY		
Drill Start Date: 07/20/2015	Drill Finish Date: 07/22/2015	Plug Date:
Log File Date: 08/28/2015	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 2.00	Depth Well: 29 feet	Depth Water: 17 feet

Water Bearing Stratifications:	Top	Bottom	Description
	0	29	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	10	29

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/2/23 9:22 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)					(NAD83 UTM in meters)		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RA 12280	POD2	3	4	2	30	18S	27E	564502	3620428

Driller License: 1186	Driller Company: ENVIRO-DRILL, INC.	
Driller Name: HAMMER, RODNEY		
Drill Start Date: 07/20/2015	Drill Finish Date: 07/22/2015	Plug Date:
Log File Date: 08/28/2015	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 2.00	Depth Well: 25 feet	Depth Water: 18 feet

Casing Perforations:	Top	Bottom
	10	25

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/2/23 9:22 AM

POINT OF DIVERSION SUMMARY

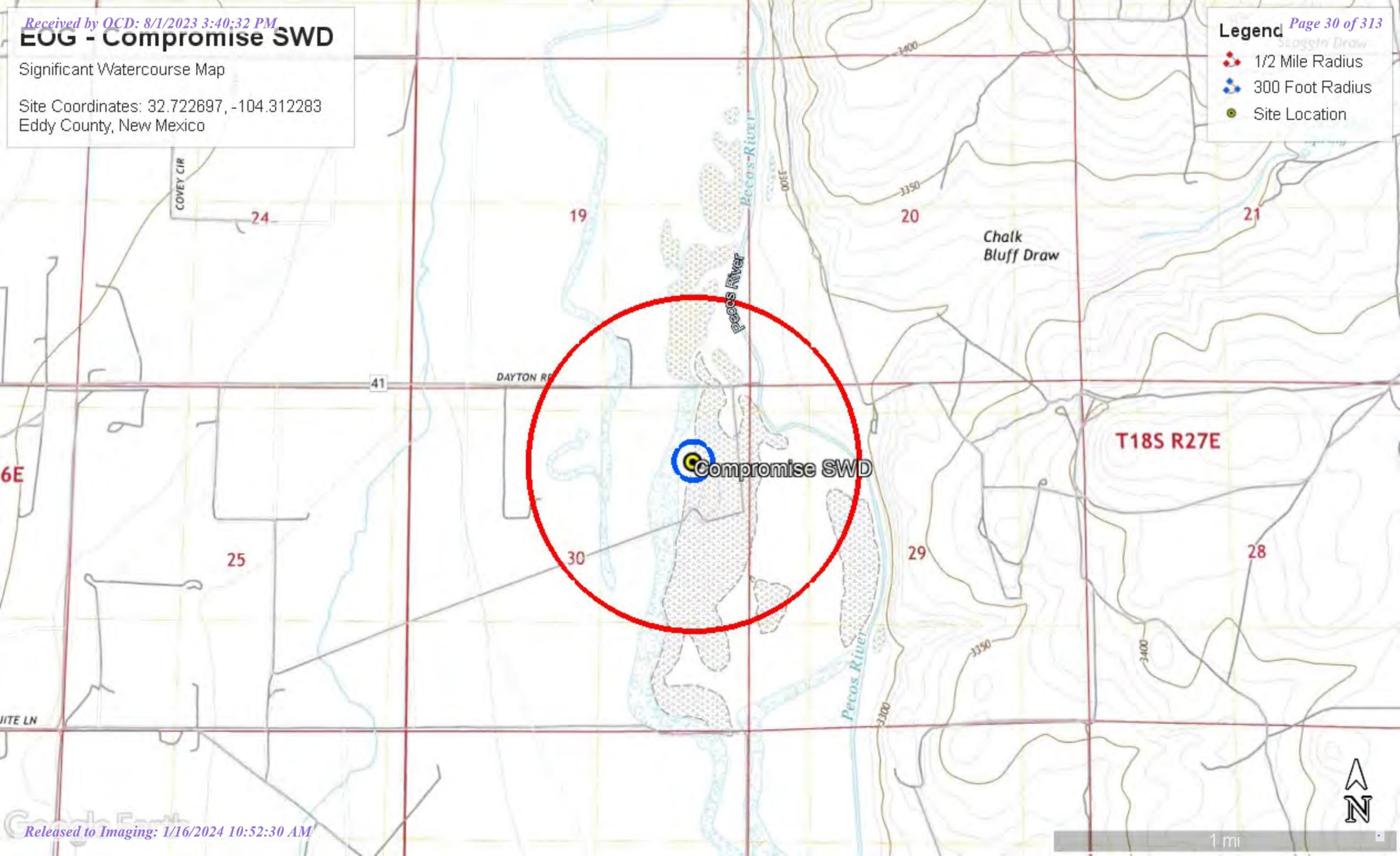
EOG - Compromise SWD

Significant Watercourse Map

Site Coordinates: 32.722697, -104.312283
Eddy County, New Mexico

Legend *Page 30 of 313*

-  1/2 Mile Radius
-  300 Foot Radius
-  Site Location





May 2, 2023

Wetlands

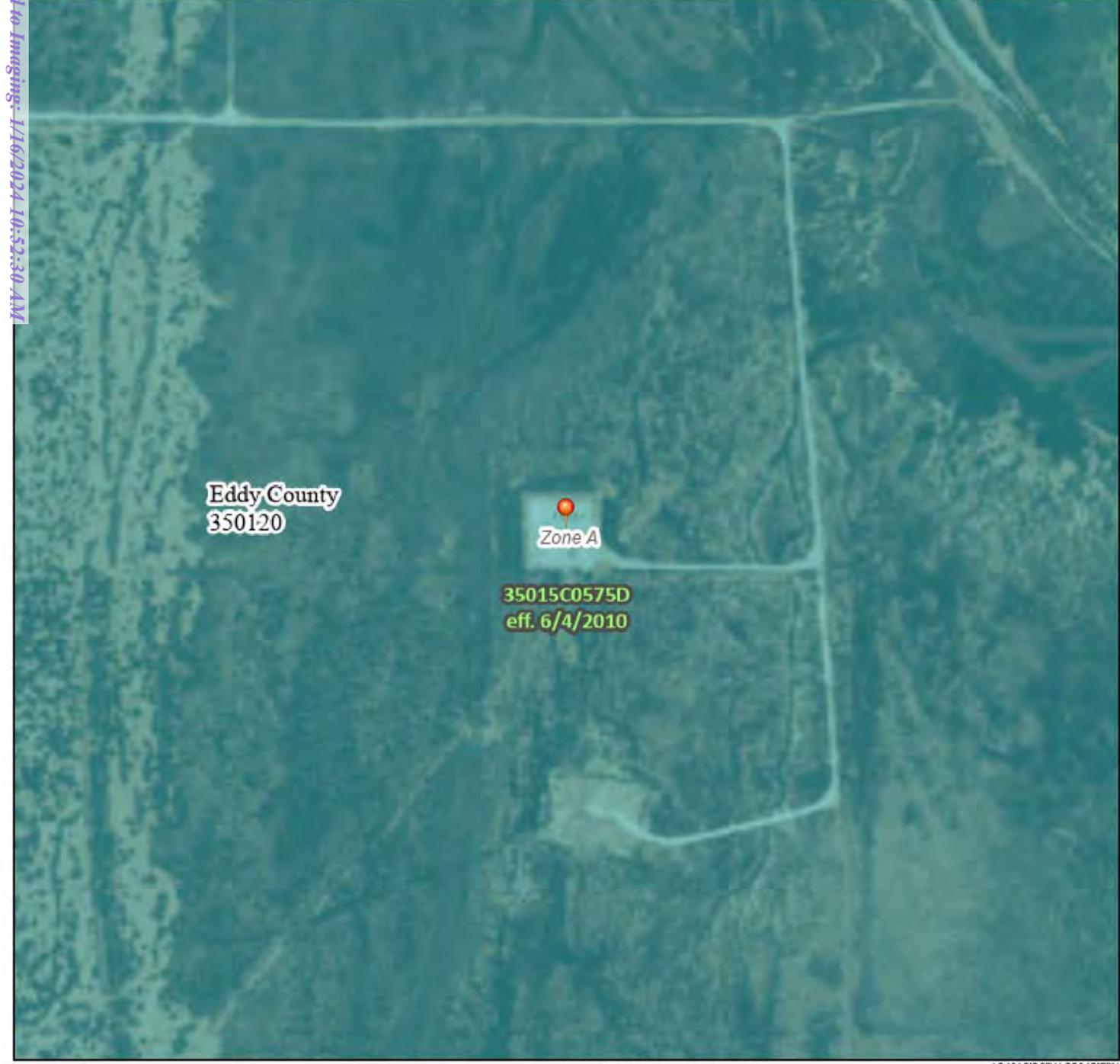
- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMMette



104°19'3"W 32°43'37"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone B
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/2/2023 at 3:23 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 1/16/2024 10:52:30 AM

Received by OCD: 8/16/2023 3:40:32 PM

Page 32 of 313

ATTACHMENT B: CONFIRMATION SAMPLING NOTIFICATIONS



Becky Haskell

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, May 3, 2023 1:56 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation; Artesia Regulatory
Subject: Compromise SWD 1 (nAPP2312340712) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Compromise SWD 1
H-30-18S-27E
Eddy County, NM
nAPP2312340712

Sampling will begin at 9:00 a.m. on Monday, May 8, 2023, and continue through Friday, May 12, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Becky Haskell

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Friday, June 2, 2023 9:02 AM
To: Becky Haskell
Subject: FW: Compromise SWD 1 (nAPP2312340712) Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, May 31, 2023 3:49 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Compromise SWD 1 (nAPP2312340712) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Compromise SWD 1
H-30-18S-27E
Eddy County, NM
nAPP2312340712

Sampling will begin at 9:00 a.m. on Monday, June 5, 2023, and continue through Friday, June 9, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Grant Gardner

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, July 5, 2023 5:15 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation; Artesia Regulatory
Subject: Compromise SWD 1 (nAPP2312340712) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Compromise SWD 1
H-30-18S-27E
Eddy County, NM
nAPP2312340712

Sampling will begin at 9:00 a.m. on Monday, July 10, 2023, and continue through Friday, July 14, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Artesia Division

Grant Gardner

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, July 12, 2023 5:06 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation; Artesia Regulatory
Subject: Compromise SWD 1 (nAPP2312340712) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Compromise SWD 1
H-30-18S-27E
Eddy County, NM
nAPP2312340712

Sampling will begin at 9:00 a.m. on Monday, July 17, 2023, and continue through Friday, July 21, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Artesia Division

ATTACHMENT C: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

EOG Resources, INC
Compromise SWD #1

Photograph No. 1

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Initial Assessment Area of Concern.

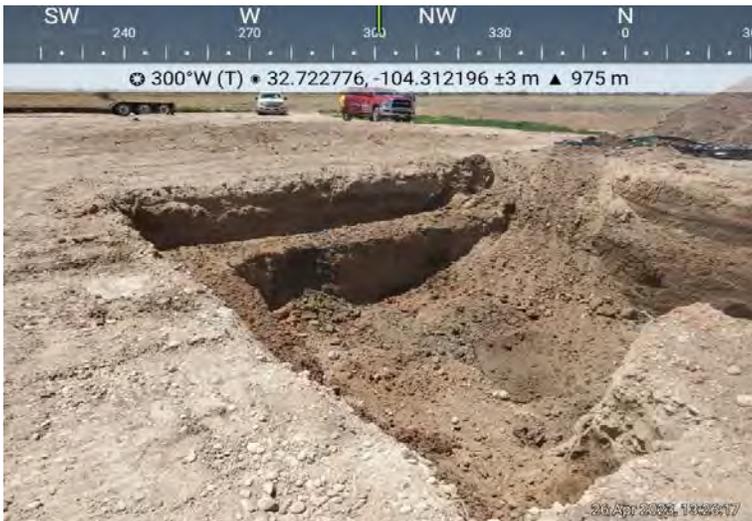


Photograph No. 2

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Initial Assessment Area of concern.



Photograph No. 3

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Initial Assessment Area of concern.



PHOTOGRAPHIC LOG

EOG Resources, INC
Compromise SWD #1

Photograph No. 4

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



Photograph No. 5

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



Photograph No. 6

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



PHOTOGRAPHIC LOG

EOG Resources, INC
Compromise SWD #1

Photograph No. 7

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



Photograph No. 8

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



Photograph No. 9

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



PHOTOGRAPHIC LOG

EOG Resources, INC
Compromise SWD #1

Photograph No. 10

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



Photograph No. 11

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



Photograph No. 12

Facility: Compromise SWD #1

County: Eddy County, New Mexico

Description:
Area of Excavation.



ATTACHMENT D: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF- CUSTODY DOCUMENTATION





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 20, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: COMPROMISE

Enclosed are the results of analyses for samples received by the laboratory on 03/17/23 10:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/20/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: S - 1 (SURFACE) (H231224-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.183	0.050	03/17/2023	ND	1.96	98.2	2.00	2.98	GC-NC1	
Toluene*	0.477	0.050	03/17/2023	ND	1.94	97.2	2.00	4.83		
Ethylbenzene*	1.10	0.050	03/17/2023	ND	1.93	96.3	2.00	4.33		
Total Xylenes*	2.10	0.150	03/17/2023	ND	5.81	96.9	6.00	3.94		
Total BTEX	3.85	0.300	03/17/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/20/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	68.9	10.0	03/17/2023	ND	184	92.2	200	3.24		
DRO >C10-C28*	251	10.0	03/17/2023	ND	176	87.9	200	4.62		
EXT DRO >C28-C36	67.7	10.0	03/17/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/20/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY CO., NM		

Sample ID: S - 2 (SURFACE) (H231224-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2023	ND	1.96	98.2	2.00	2.98	
Toluene*	<0.050	0.050	03/17/2023	ND	1.94	97.2	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/17/2023	ND	1.93	96.3	2.00	4.33	
Total Xylenes*	<0.150	0.150	03/17/2023	ND	5.81	96.9	6.00	3.94	
Total BTEX	<0.300	0.300	03/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/20/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2023	ND	184	92.2	200	3.24	
DRO >C10-C28*	62.7	10.0	03/17/2023	ND	176	87.9	200	4.62	
EXT DRO >C28-C36	52.6	10.0	03/17/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 19231224

Page 5 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chase Settle
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	104 S. 4th Street
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Artesia, NM 88210
Phone:	432-766-1918	Email:	BHaskell@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Compromise	Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes	
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush				
Project Number:	237175					None: NO	
Project Location:	Eddy Co, NM	Due Date:	48hr			Cool: Cool	
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm					HCL: HC
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:		H ₂ SO ₄ : H ₂	
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:				NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:				Na ₂ S ₂ O ₅ : NaSO ₃	
Total Containers:	2	Corrected Temperature:				Zn Acetate+NaOH: Zn	
						NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
S-1 (Surface)	3/17/2023	-	X	-	Comp	1	
S-2 (Surface)	3/17/2023	-	X	-	Comp	1	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3/17/23 10:10			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 28, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: COMPROMISE

Enclosed are the results of analyses for samples received by the laboratory on 03/24/23 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: TP - 1 (1') (H231371-01)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.249	0.050	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	1.38	0.050	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	7.12	0.050	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	16.9	0.150	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	25.7	0.300	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 349 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	361	50.0	03/27/2023	ND	191	95.5	200	1.68	
DRO >C10-C28*	629	50.0	03/27/2023	ND	185	92.4	200	3.11	
EXT DRO >C28-C36	<50.0	50.0	03/27/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: TP - 1 (3') (H231371-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	26.3	2.00	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	19.1	2.00	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	209	2.00	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	494	6.00	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	748	12.0	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	9220	50.0	03/27/2023	ND	191	95.5	200	1.68		
DRO >C10-C28*	10300	50.0	03/27/2023	ND	185	92.4	200	3.11		
EXT DRO >C28-C36	1200	50.0	03/27/2023	ND						

Surrogate: 1-Chlorooctane 685 % 48.2-134

Surrogate: 1-Chlorooctadecane 209 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: TP - 2 (1') (H231371-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	<0.050	0.050	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	0.075	0.050	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	0.182	0.150	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	<0.300	0.300	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2023	ND	191	95.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	03/27/2023	ND	185	92.4	200	3.11	
EXT DRO >C28-C36	22.8	10.0	03/27/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: TP - 2 (3') (H231371-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	<0.050	0.050	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	0.117	0.050	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	0.268	0.150	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	<0.300	0.300	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2023	ND	191	95.5	200	1.68	
DRO >C10-C28*	10.8	10.0	03/27/2023	ND	185	92.4	200	3.11	
EXT DRO >C28-C36	12.8	10.0	03/27/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: H - 1 (0-4') (H231371-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	<0.050	0.050	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	<0.300	0.300	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2023	ND	191	95.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	03/27/2023	ND	185	92.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/27/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: H - 2 (0-4') (H231371-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	<0.050	0.050	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	<0.300	0.300	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2023	ND	191	95.5	200	1.68	
DRO >C10-C28*	225	10.0	03/27/2023	ND	185	92.4	200	3.11	
EXT DRO >C28-C36	75.6	10.0	03/27/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: H - 3 (0-4') (H231371-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	<0.050	0.050	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	<0.300	0.300	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2023	ND	191	95.5	200	1.68	
DRO >C10-C28*	220	10.0	03/27/2023	ND	185	92.4	200	3.11	
EXT DRO >C28-C36	83.9	10.0	03/27/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/28/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: H - 4 (0-4') (H231371-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2023	ND	2.09	105	2.00	2.60	
Toluene*	<0.050	0.050	03/27/2023	ND	2.12	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	03/27/2023	ND	2.22	111	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/27/2023	ND	6.82	114	6.00	2.90	
Total BTEX	<0.300	0.300	03/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2023	ND	191	95.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	03/27/2023	ND	185	92.4	200	3.11	
EXT DRO >C28-C36	19.5	10.0	03/27/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 423137L

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> RRP <input type="checkbox"/> Townfields <input type="checkbox"/> RC <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> R <input type="checkbox"/> U <input type="checkbox"/> N <input type="checkbox"/> D
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Compromise	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	237175	Due Date:	8/24/24		
Project Location:	Eddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kellan Smith	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
PO #:		Thermometer ID:	113		
SAMPLE RECEIPT		Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6%
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.8%
Total Containers:		Corrected Temperature:	4.2%		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TP-1 (1')	3/24/2024		X		Grab	1	BTEX 8021B		None, NO	
TP-1 (3')	3/24/2024		X		Grab	1	TPH 8015M (GRO + DRO + MRO)		DI Water, H ₂ O	
TP-2 (1')	3/24/2024		X		Grab	1	Chloride 4500		Cool: Cool	MeOH: Me
TP-2 (3')	3/24/2024		X		Grab	1			HCL: HC	HNO ₃ : HN
H-1 (0-4')	3/24/2024		X		Grab	1			H ₂ SO ₄ : H ₂	NaOH: Na
H-2 (0-4')	3/24/2024		X		Grab	1			H ₃ PO ₄ : HP	
H-3 (0-4')	3/24/2024		X		Grab	1			NaHSO ₄ : NABIS	
H-4 (0-4')	3/24/2024		X		Grab	1			Na ₂ S ₂ O ₅ : NaSO ₅	
					Grab	1			Zn Acetate+NaOH: Zn	
					Grab	1			NaOH+Ascorbic Acid: SAPP	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85,000 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3-24-23 1655			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 29, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: COMPROMISE

Enclosed are the results of analyses for samples received by the laboratory on 03/24/23 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/29/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: TP - 1 (5') (H231372-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.170	0.050	03/28/2023	ND	2.03	101	2.00	8.03	
Toluene*	<0.050	0.050	03/28/2023	ND	2.08	104	2.00	8.98	GC-NC
Ethylbenzene*	1.13	0.050	03/28/2023	ND	2.06	103	2.00	7.93	
Total Xylenes*	0.659	0.150	03/28/2023	ND	6.42	107	6.00	7.86	
Total BTEX	1.95	0.300	03/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	03/29/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.4	10.0	03/28/2023	ND	191	95.7	200	3.13	
DRO >C10-C28*	98.2	10.0	03/28/2023	ND	183	91.6	200	3.61	QM-07
EXT DRO >C28-C36	10.5	10.0	03/28/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	03/24/2023	Sampling Date:	03/24/2023
Reported:	03/29/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: TP - 1 (7') (H231372-02)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.062	0.050	03/28/2023	ND	2.03	101	2.00	8.03	
Toluene*	<0.050	0.050	03/28/2023	ND	2.08	104	2.00	8.98	GC-NC
Ethylbenzene*	0.691	0.050	03/28/2023	ND	2.06	103	2.00	7.93	
Total Xylenes*	1.03	0.150	03/28/2023	ND	6.42	107	6.00	7.86	
Total BTEX	1.79	0.300	03/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	03/29/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.9	10.0	03/28/2023	ND	191	95.7	200	3.13	
DRO >C10-C28*	108	10.0	03/28/2023	ND	183	91.6	200	3.61	
EXT DRO >C28-C36	12.4	10.0	03/28/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

H231372

Page 1 of 1

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:

Turn Around
 Routine Rush
 Due Date:
 TAT starts the day received by the lab, if received by 4:30pm

Project Name: Compromise
 Project Number: 237175
 Project Location: Eddy Co, NM
 Sampler's Name: Kellan Smith

PO #: **SAMPLE RECEIPT**

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers:

Work Order Comments
 Program: UST/PST RP Townfields RC S Refund
 State of Project:
 Reporting Level: Level II Level III STU/ST RP Level IV
 Deliverables: EDD ADAPT Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			ANALYSIS REQUEST	Preservative Codes	Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500			
TP-1 (5)	3/24/2024		X		Grab	1	X	X	X			
TP-1 (7)	3/24/2024		X		Grab	1	X	X	X			
TP-2 (5)	3/24/2024		X		Grab	1	X	X	X			
TP-2 (7)	3/24/2024		X		Grab	1	X	X	X			

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		3-24-23 10:55			

Revised Date: 05/12/2020 Rev. 2020.1



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April 27, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: COMPROMISE

Enclosed are the results of analyses for samples received by the laboratory on 04/26/23 16:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: S - 1 (4') (H232049-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.81	90.4	2.00	10.0	
Toluene*	<0.050	0.050	04/27/2023	ND	1.82	91.0	2.00	9.56	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.84	91.8	2.00	10.0	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.70	95.0	6.00	8.81	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	202	101	200	5.93	
DRO >C10-C28*	21.0	10.0	04/27/2023	ND	202	101	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: S - 2 (1') (H232049-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.81	90.4	2.00	10.0	
Toluene*	<0.050	0.050	04/27/2023	ND	1.82	91.0	2.00	9.56	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.84	91.8	2.00	10.0	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.70	95.0	6.00	8.81	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	202	101	200	5.93	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	202	101	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: S - 3 (8') (H232049-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.81	90.4	2.00	10.0	
Toluene*	<0.050	0.050	04/27/2023	ND	1.82	91.0	2.00	9.56	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.84	91.8	2.00	10.0	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.70	95.0	6.00	8.81	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	202	101	200	5.93	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	202	101	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: S - 4 (8') (H232049-04)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2023	ND	1.81	90.4	2.00	10.0		
Toluene*	<0.050	0.050	04/27/2023	ND	1.82	91.0	2.00	9.56	GC-NC	
Ethylbenzene*	2.48	0.050	04/27/2023	ND	1.84	91.8	2.00	10.0		
Total Xylenes*	6.63	0.150	04/27/2023	ND	5.70	95.0	6.00	8.81	GC-NC1	
Total BTEX	9.11	0.300	04/27/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 249 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	406	10.0	04/27/2023	ND	202	101	200	5.93		
DRO >C10-C28*	982	10.0	04/27/2023	ND	202	101	200	6.91		
EXT DRO >C28-C36	59.1	10.0	04/27/2023	ND						

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: S - 5 (8') (H232049-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.81	90.4	2.00	10.0	
Toluene*	<0.050	0.050	04/27/2023	ND	1.82	91.0	2.00	9.56	
Ethylbenzene*	0.091	0.050	04/27/2023	ND	1.84	91.8	2.00	10.0	
Total Xylenes*	0.223	0.150	04/27/2023	ND	5.70	95.0	6.00	8.81	GC-NC1
Total BTEX	0.314	0.300	04/27/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	202	101	200	5.93	
DRO >C10-C28*	19.3	10.0	04/27/2023	ND	202	101	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 1 (0-4') (H232049-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.81	90.4	2.00	10.0	
Toluene*	<0.050	0.050	04/27/2023	ND	1.82	91.0	2.00	9.56	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.84	91.8	2.00	10.0	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.70	95.0	6.00	8.81	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	202	101	200	5.93	
DRO >C10-C28*	11.5	10.0	04/27/2023	ND	202	101	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 2 (0-4') (H232049-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.81	90.4	2.00	10.0	
Toluene*	<0.050	0.050	04/27/2023	ND	1.82	91.0	2.00	9.56	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.84	91.8	2.00	10.0	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.70	95.0	6.00	8.81	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 3 (0-4') (H232049-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	98.2	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	47.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 4 (0-8') (H232049-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 5 (0-8') (H232049-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 6 (0-8') (H232049-11)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	GC-NC
Ethylbenzene*	1.74	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	5.75	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	GC-NC1
Total BTEX	7.49	0.300	04/27/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 209 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	118	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	418	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	79.6	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 7 (0-8') (H232049-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 8 (0-8') (H232049-13)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.094	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5		
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	GC-NC	
Ethylbenzene*	1.59	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9		
Total Xylenes*	1.94	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	GC-NC1	
Total BTEX	3.62	0.300	04/27/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 175 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	04/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	110	10.0	04/27/2023	ND	213	106	200	1.63		
DRO >C10-C28*	483	10.0	04/27/2023	ND	207	104	200	1.62		
EXT DRO >C28-C36	73.6	10.0	04/27/2023	ND						

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 9 (0-8') (H232049-14)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.139	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5		
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	GC-NC	
Ethylbenzene*	1.30	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9		
Total Xylenes*	1.43	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	GC-NC1	
Total BTEX	2.87	0.300	04/27/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 138 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	04/27/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	29.5	10.0	04/27/2023	ND	213	106	200	1.63		
DRO >C10-C28*	102	10.0	04/27/2023	ND	207	104	200	1.62		
EXT DRO >C28-C36	10.8	10.0	04/27/2023	ND						

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 10 (0-8') (H232049-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	0.200	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	GC-NC1
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 11 (0-8') (H232049-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/26/2023	Sampling Date:	04/26/2023
Reported:	04/27/2023	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	Cool & Intact
Project Number:	237175	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: SW - 12 (1-4') (H232049-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2023	ND	1.91	95.5	2.00	13.5	
Toluene*	<0.050	0.050	04/27/2023	ND	1.98	98.8	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/27/2023	ND	1.91	95.4	2.00	13.9	
Total Xylenes*	<0.150	0.150	04/27/2023	ND	5.92	98.6	6.00	14.6	
Total BTEX	<0.300	0.300	04/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/27/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	213	106	200	1.63	
DRO >C10-C28*	22.5	10.0	04/27/2023	ND	207	104	200	1.62	
EXT DRO >C28-C36	13.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: APCOES Project Manager: Bobby Baskel Address: 402 E Wind Ave City: Carlisle State: NM Zip: 88220 Phone #: 432 920 8056 Fax #: _____ Project #: 237175 Project Owner: EO6 Project Name: Compan 32 Project Location: Eddy County Sampler Name: Tyler Kambally		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. H232049 Sample I.D. S-1 (M') S-2 (G') S-3 (G') S-4 (G') S-5 (G') SW-1 (G-M') SW-2 (G-M') SW-3 (G-M') SW-4 (G-S') SW-5 (G-S')		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING DATE TIME
Relinquished By: <i>[Signature]</i> Date: 4/26/23 Time: _____		Received By: <i>[Signature]</i> Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C 1.3 Corrected Temp. °C 0.7		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: <i>[Signature]</i> (Initials) ye	
Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Thermometer ID #113 Correction Factor -0.6°C Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sample Condition Observed Temp. °C Corrected Temp. °C		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS:	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 04, 2023

BECKY HASKELL
NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND, TX 79706

RE: COMPROMISE SWD

Enclosed are the results of analyses for samples received by the laboratory on 05/02/23 15:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 A 6'	H232156-01	Soil	02-May-23 00:00	02-May-23 15:18
S - 2 A 8'	H232156-02	Soil	02-May-23 00:00	02-May-23 15:18
S - 4 A 10'	H232156-03	Soil	02-May-23 00:00	02-May-23 15:18
S - 5 A 10'	H232156-04	Soil	02-May-23 00:00	02-May-23 15:18
SW - 1A 0-6'	H232156-05	Soil	02-May-23 00:00	02-May-23 15:18
SW - 2A 0-6'	H232156-06	Soil	02-May-23 00:00	02-May-23 15:18
SW - 3A 0-6'	H232156-07	Soil	02-May-23 00:00	02-May-23 15:18
SW - 4A 0-10'	H232156-08	Soil	02-May-23 00:00	02-May-23 15:18
SW - 5A 0-10'	H232156-09	Soil	02-May-23 00:00	02-May-23 15:18
SW - 6A 0-10'	H232156-10	Soil	02-May-23 00:00	02-May-23 15:18
SW - 7A 0-10'	H232156-11	Soil	02-May-23 00:00	02-May-23 15:18
SW - 8A 0-10'	H232156-12	Soil	02-May-23 00:00	02-May-23 15:18
SW - 9A 0-10'	H232156-13	Soil	02-May-23 00:00	02-May-23 15:18
SW - 10A 8-10'	H232156-14	Soil	02-May-23 00:00	02-May-23 15:18
SW - 13A 0-8'	H232156-15	Soil	02-May-23 00:00	02-May-23 15:18
SW - 14A 0-8'	H232156-16	Soil	02-May-23 00:00	02-May-23 15:18

05/04/23 - Client changed the sample IDs (see COC). This is the revised report and will replace the one sent on 05/03/23.

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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S - 1 A 6'
H232156-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1620		16.0	mg/kg	4	3050305	AC	03-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

Surrogate: 1-Chlorooctane			100 %	48.2-134		3050220	MS	03-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			109 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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S - 2 A 8'
H232156-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	272		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	0.290		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	0.997		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	1.29		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			150 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	82.5		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	602		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	79.7		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

Surrogate: 1-Chlorooctane			108 %	48.2-134		3050220	MS	03-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			118 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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S - 4 A 10'
H232156-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	464		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	20.2		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.9 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			94.0 %	49.1-148		3050220	MS	03-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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S - 5 A 10'
H232156-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1090		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.1 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %	49.1-148		3050220	MS	03-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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**SW - 1A 0-6'
H232156-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2200		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.7 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			95.0 %	49.1-148		3050220	MS	03-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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**SW - 2A 0-6'
H232156-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1120		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	0.069		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	1.08		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	8.00		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	9.15		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			198 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	195		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	706		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	162		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

Surrogate: 1-Chlorooctane			103 %	48.2-134		3050220	MS	03-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			115 %	49.1-148		3050220	MS	03-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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**SW - 3A 0-6'
H232156-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.1 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	49.1-148		3050220	MS	03-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 4A 0-10'
H232156-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	848		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	25.4		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	13.6		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

Surrogate: 1-Chlorooctane			94.7 %	48.2-134		3050220	MS	03-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	49.1-148		3050220	MS	03-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 5A 0-10'
H232156-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	640		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	<0.100		0.100	mg/kg	100	3050221	JH/	03-May-23	8021B	
Toluene*	0.699		0.100	mg/kg	100	3050221	JH/	03-May-23	8021B	
Ethylbenzene*	8.65		0.100	mg/kg	100	3050221	JH/	03-May-23	8021B	
Total Xylenes*	34.7		0.300	mg/kg	100	3050221	JH/	03-May-23	8021B	
Total BTEX	44.1		0.600	mg/kg	100	3050221	JH/	03-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			359 %	71.5-134		3050221	JH/	03-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	1140		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	1190		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	194		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

Surrogate: 1-Chlorooctane			154 %	48.2-134		3050220	MS	03-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			127 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 6A 0-10'
H232156-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	816		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

S-04

Benzene*	<2.00		2.00	mg/kg	2000	3050221	JH/	02-May-23	8021B	
Toluene*	8.72		2.00	mg/kg	2000	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	105		2.00	mg/kg	2000	3050221	JH/	02-May-23	8021B	
Total Xylenes*	214		6.00	mg/kg	2000	3050221	JH/	02-May-23	8021B	
Total BTEX	328		12.0	mg/kg	2000	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			138 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	6570		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	5380		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	855		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			313 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			154 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 7A 0-10'
H232156-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2640		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	0.122		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	0.344		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	0.466		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.2 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 8A 0-10'
H232156-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	384		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			64.7 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			61.2 %	49.1-148		3050220	MS	03-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 9A 0-10'
H232156-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1090		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	0.082		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	370		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	61.1		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			65.3 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.9 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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**SW - 10A 8-10'
H232156-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	288		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.8 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			106 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 13A 0-8'
H232156-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.5 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			99.1 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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SW - 14A 0-8'
H232156-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	608		16.0	mg/kg	4	3050305	AC	03-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total Xylenes*	0.228		0.150	mg/kg	50	3050221	JH/	02-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3050221	JH/	02-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			115 %	71.5-134		3050221	JH/	02-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
DRO >C10-C28*	28.1		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050220	MS	03-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.9 %	48.2-134		3050220	MS	03-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	49.1-148		3050220	MS	03-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3050305 - 1:4 DI Water										
Blank (3050305-BLK1)										
				Prepared & Analyzed: 03-May-23						
Chloride	ND	16.0	mg/kg							
LCS (3050305-BS1)										
				Prepared & Analyzed: 03-May-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3050305-BSD1)										
				Prepared & Analyzed: 03-May-23						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3050221 - Volatiles

Blank (3050221-BLK1)

Prepared & Analyzed: 02-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	71.5-134			

LCS (3050221-BS1)

Prepared & Analyzed: 02-May-23

Benzene	2.08	0.050	mg/kg	2.00		104	81.4-118			
Toluene	2.19	0.050	mg/kg	2.00		109	88.7-121			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	86.1-120			
m,p-Xylene	4.52	0.100	mg/kg	4.00		113	88.2-124			
o-Xylene	2.13	0.050	mg/kg	2.00		106	84.9-118			
Total Xylenes	6.65	0.150	mg/kg	6.00		111	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

LCS Dup (3050221-BSD1)

Prepared & Analyzed: 02-May-23

Benzene	2.15	0.050	mg/kg	2.00		108	81.4-118	3.38	15.8	
Toluene	2.26	0.050	mg/kg	2.00		113	88.7-121	3.38	15.9	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	86.1-120	1.25	16	
m,p-Xylene	4.52	0.100	mg/kg	4.00		113	88.2-124	0.114	16.2	
o-Xylene	2.17	0.050	mg/kg	2.00		108	84.9-118	1.75	16.7	
Total Xylenes	6.69	0.150	mg/kg	6.00		112	87.3-122	0.641	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: COMPROMISE SWD Project Number: 237175 Project Manager: BECKY HASKELL Fax To:	Reported: 04-May-23 08:47
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3050220 - General Prep - Organics

Blank (3050220-BLK1)			Prepared & Analyzed: 02-May-23							
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.5		mg/kg	49.6		99.9	48.2-134			
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	49.1-148			

LCS (3050220-BS1)			Prepared & Analyzed: 02-May-23							
GRO C6-C10	187	10.0	mg/kg	200		93.4	78.5-124			
DRO >C10-C28	178	10.0	mg/kg	200		88.9	72.5-126			
Total TPH C6-C28	365	10.0	mg/kg	400		91.2	77.6-123			
Surrogate: 1-Chlorooctane	51.3		mg/kg	49.6		104	48.2-134			
Surrogate: 1-Chlorooctadecane	53.2		mg/kg	50.0		106	49.1-148			

LCS Dup (3050220-BSD1)			Prepared & Analyzed: 02-May-23							
GRO C6-C10	178	10.0	mg/kg	200		88.9	78.5-124	4.97	17.7	
DRO >C10-C28	164	10.0	mg/kg	200		81.8	72.5-126	8.30	21	
Total TPH C6-C28	341	10.0	mg/kg	400		85.4	77.6-123	6.58	18.5	
Surrogate: 1-Chlorooctane	53.4		mg/kg	49.6		108	48.2-134			
Surrogate: 1-Chlorooctadecane	60.3		mg/kg	50.0		121	49.1-148			

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: ATGE Project Manager: Becky Haskell Address: 701 Tradeands Blvd City: Midland State: TX Zip: 79701 Phone #: 432-766-1918 Fax #: _____ Project #: 237175 Project Owner: _____ Project Name: Lumpsum SWD Project Location: Floyd Co, NM Sampler Name: Lenny Horn		P.O. #: _____ Company: EOG Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. * Sample I.D. 10331516		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: _____ ACID/BASE: _____ ICE / COOL OTHER: _____	
S-1 A 6' (G)RAB OR (C)OMP. # CONTAINERS S-2 A 8' 1 S-4 A 10' 1 S-5 A 10' 1 SW-1 A * 0-6' 1 SW-2 A 0-6' 1 SW-3 A 0-6' 1 SW-4 A 0-10 1 SW-5 A 0-10 1 SW-6 A 0-10 1		DATE TIME 5/1/23	
Relinquished By: Lenny Horn Date: 5/1/23 Time: 1518 Received By: Shoddiq		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: 575-988-8856 All Results are emailed. Please provide Email address: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: 20.9 Corrected Temp. °C: 20.3		Turnaround Time: 24hr Thermometer ID #113 Correction Factor .06°C Standard <input checked="" type="checkbox"/> Rush Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C: _____	
REMARKS: * Customer requested ID changes to 5/3/23			

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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Website: www.hallenvironmental.com

June 22, 2023

Becky Haskell
NTG Environmental
701 Tradewinds Blvd.
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Midland, TX 79706
TEL: (432) 766-1918
FAX:

RE: Compromise SWD

OrderNo.: 2306608

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 108 sample(s) on 6/13/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-1 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:30:00 AM

Lab ID: 2306608-001

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/16/2023 3:04:54 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2023 3:04:54 AM
Surr: DNOP	87.0	69-147		%Rec	1	6/16/2023 3:04:54 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 6:33:12 AM
Surr: BFB	98.0	15-244		%Rec	1	6/19/2023 6:33:12 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 6:33:12 AM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 6:33:12 AM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 6:33:12 AM
Xylenes, Total	ND	0.095		mg/Kg	1	6/19/2023 6:33:12 AM
Surr: 4-Bromofluorobenzene	83.9	39.1-146		%Rec	1	6/19/2023 6:33:12 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	440	60		mg/Kg	20	6/16/2023 4:35:19 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-2 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:32:00 AM

Lab ID: 2306608-002

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/16/2023 3:15:56 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2023 3:15:56 AM
Surr: DNOP	87.9	69-147		%Rec	1	6/16/2023 3:15:56 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 6:56:43 AM
Surr: BFB	97.7	15-244		%Rec	1	6/19/2023 6:56:43 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 6:56:43 AM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 6:56:43 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 6:56:43 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 6:56:43 AM
Surr: 4-Bromofluorobenzene	83.9	39.1-146		%Rec	1	6/19/2023 6:56:43 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	500	60		mg/Kg	20	6/16/2023 4:47:44 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-3 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:34:00 AM

Lab ID: 2306608-003

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/16/2023 3:26:58 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2023 3:26:58 AM
Surr: DNOP	88.2	69-147		%Rec	1	6/16/2023 3:26:58 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 7:20:17 AM
Surr: BFB	97.3	15-244		%Rec	1	6/19/2023 7:20:17 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 7:20:17 AM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 7:20:17 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 7:20:17 AM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 7:20:17 AM
Surr: 4-Bromofluorobenzene	82.5	39.1-146		%Rec	1	6/19/2023 7:20:17 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	340	60		mg/Kg	20	6/16/2023 5:24:58 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-4 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:36:00 AM

Lab ID: 2306608-004

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/16/2023 3:37:57 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2023 3:37:57 AM
Surr: DNOP	89.7	69-147		%Rec	1	6/16/2023 3:37:57 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 7:43:35 AM
Surr: BFB	95.7	15-244		%Rec	1	6/19/2023 7:43:35 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 7:43:35 AM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 7:43:35 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 7:43:35 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 7:43:35 AM
Surr: 4-Bromofluorobenzene	82.0	39.1-146		%Rec	1	6/19/2023 7:43:35 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1400	60		mg/Kg	20	6/16/2023 5:37:22 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-5 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:38:00 AM

Lab ID: 2306608-005

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/16/2023 3:48:54 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2023 3:48:54 AM
Surr: DNOP	84.7	69-147		%Rec	1	6/16/2023 3:48:54 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 8:06:59 AM
Surr: BFB	100	15-244		%Rec	1	6/19/2023 8:06:59 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 8:06:59 AM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 8:06:59 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 8:06:59 AM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 8:06:59 AM
Surr: 4-Bromofluorobenzene	86.6	39.1-146		%Rec	1	6/19/2023 8:06:59 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	310	60		mg/Kg	20	6/16/2023 5:49:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-6 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:40:00 AM

Lab ID: 2306608-006

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/16/2023 3:59:51 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/16/2023 3:59:51 AM
Surr: DNOP	89.3	69-147		%Rec	1	6/16/2023 3:59:51 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/19/2023 8:30:31 AM
Surr: BFB	94.4	15-244		%Rec	1	6/19/2023 8:30:31 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 8:30:31 AM
Toluene	ND	0.046		mg/Kg	1	6/19/2023 8:30:31 AM
Ethylbenzene	ND	0.046		mg/Kg	1	6/19/2023 8:30:31 AM
Xylenes, Total	ND	0.092		mg/Kg	1	6/19/2023 8:30:31 AM
Surr: 4-Bromofluorobenzene	81.1	39.1-146		%Rec	1	6/19/2023 8:30:31 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	280	60		mg/Kg	20	6/16/2023 6:02:11 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-7 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:42:00 AM

Lab ID: 2306608-007

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/16/2023 4:21:33 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2023 4:21:33 AM
Surr: DNOP	103	69-147		%Rec	1	6/16/2023 4:21:33 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 8:53:58 AM
Surr: BFB	97.3	15-244		%Rec	1	6/19/2023 8:53:58 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 8:53:58 AM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 8:53:58 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 8:53:58 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 8:53:58 AM
Surr: 4-Bromofluorobenzene	83.1	39.1-146		%Rec	1	6/19/2023 8:53:58 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	390	60		mg/Kg	20	6/16/2023 6:39:25 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-8 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:44:00 AM

Lab ID: 2306608-008

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/16/2023 4:32:27 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/16/2023 4:32:27 AM
Surr: DNOP	107	69-147		%Rec	1	6/16/2023 4:32:27 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 7:15:00 PM
Surr: BFB	102	15-244		%Rec	1	6/19/2023 7:15:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 7:15:00 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 7:15:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 7:15:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 7:15:00 PM
Surr: 4-Bromofluorobenzene	95.8	39.1-146		%Rec	1	6/19/2023 7:15:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	750	60		mg/Kg	20	6/16/2023 6:51:50 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-9 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:46:00 AM

Lab ID: 2306608-009

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/16/2023 8:50:34 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2023 8:50:34 PM
Surr: DNOP	101	69-147		%Rec	1	6/16/2023 8:50:34 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 8:21:00 PM
Surr: BFB	101	15-244		%Rec	1	6/19/2023 8:21:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 8:21:00 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 8:21:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 8:21:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 8:21:00 PM
Surr: 4-Bromofluorobenzene	96.5	39.1-146		%Rec	1	6/19/2023 8:21:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	580	60		mg/Kg	20	6/16/2023 7:04:14 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-10 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:48:00 AM

Lab ID: 2306608-010

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/16/2023 9:01:30 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2023 9:01:30 PM
Surr: DNOP	101	69-147		%Rec	1	6/16/2023 9:01:30 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 9:49:00 PM
Surr: BFB	100	15-244		%Rec	1	6/19/2023 9:49:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 9:49:00 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 9:49:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 9:49:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 9:49:00 PM
Surr: 4-Bromofluorobenzene	94.2	39.1-146		%Rec	1	6/19/2023 9:49:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	230	59		mg/Kg	20	6/16/2023 7:41:28 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-11 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:50:00 AM

Lab ID: 2306608-011

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	16	9.3		mg/Kg	1	6/16/2023 9:12:27 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/16/2023 9:12:27 PM
Surr: DNOP	92.6	69-147		%Rec	1	6/16/2023 9:12:27 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 10:11:00 PM
Surr: BFB	103	15-244		%Rec	1	6/19/2023 10:11:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 10:11:00 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 10:11:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 10:11:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 10:11:00 PM
Surr: 4-Bromofluorobenzene	94.4	39.1-146		%Rec	1	6/19/2023 10:11:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/16/2023 7:53:52 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-12 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:52:00 AM

Lab ID: 2306608-012

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	65	9.6		mg/Kg	1	6/18/2023 11:24:40 PM
Motor Oil Range Organics (MRO)	84	48		mg/Kg	1	6/18/2023 11:24:40 PM
Surr: DNOP	80.8	69-147		%Rec	1	6/18/2023 11:24:40 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 10:33:00 PM
Surr: BFB	102	15-244		%Rec	1	6/19/2023 10:33:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 10:33:00 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 10:33:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 10:33:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 10:33:00 PM
Surr: 4-Bromofluorobenzene	93.6	39.1-146		%Rec	1	6/19/2023 10:33:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	2300	60		mg/Kg	20	6/16/2023 8:06:17 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-13 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:54:00 AM

Lab ID: 2306608-013

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/16/2023 9:34:13 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2023 9:34:13 PM
Surr: DNOP	95.1	69-147		%Rec	1	6/16/2023 9:34:13 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 10:55:00 PM
Surr: BFB	102	15-244		%Rec	1	6/19/2023 10:55:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 10:55:00 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 10:55:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 10:55:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 10:55:00 PM
Surr: 4-Bromofluorobenzene	96.2	39.1-146		%Rec	1	6/19/2023 10:55:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	520	60		mg/Kg	20	6/16/2023 8:18:42 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-14 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:56:00 AM

Lab ID: 2306608-014

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/16/2023 9:45:10 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/16/2023 9:45:10 PM
Surr: DNOP	88.4	69-147		%Rec	1	6/16/2023 9:45:10 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 11:17:00 PM
Surr: BFB	99.8	15-244		%Rec	1	6/19/2023 11:17:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 11:17:00 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 11:17:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 11:17:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 11:17:00 PM
Surr: 4-Bromofluorobenzene	95.9	39.1-146		%Rec	1	6/19/2023 11:17:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1100	59		mg/Kg	20	6/16/2023 8:31:07 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-15 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 11:58:00 AM

Lab ID: 2306608-015

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/16/2023 9:56:07 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2023 9:56:07 PM
Surr: DNOP	88.1	69-147		%Rec	1	6/16/2023 9:56:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 11:39:00 PM
Surr: BFB	100	15-244		%Rec	1	6/19/2023 11:39:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 11:39:00 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 11:39:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 11:39:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 11:39:00 PM
Surr: 4-Bromofluorobenzene	94.2	39.1-146		%Rec	1	6/19/2023 11:39:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	230	60		mg/Kg	20	6/16/2023 9:08:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-16 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 12:00:00 PM

Lab ID: 2306608-016

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	77	9.3		mg/Kg	1	6/18/2023 11:35:33 PM
Motor Oil Range Organics (MRO)	150	46		mg/Kg	1	6/18/2023 11:35:33 PM
Surr: DNOP	87.6	69-147		%Rec	1	6/18/2023 11:35:33 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 12:01:00 AM
Surr: BFB	97.9	15-244		%Rec	1	6/20/2023 12:01:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/20/2023 12:01:00 AM
Toluene	ND	0.049		mg/Kg	1	6/20/2023 12:01:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/20/2023 12:01:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	6/20/2023 12:01:00 AM
Surr: 4-Bromofluorobenzene	93.6	39.1-146		%Rec	1	6/20/2023 12:01:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	190	59		mg/Kg	20	6/16/2023 9:20:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-17 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 12:02:00 PM

Lab ID: 2306608-017

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/16/2023 10:18:02 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/16/2023 10:18:02 PM
Surr: DNOP	81.2	69-147		%Rec	1	6/16/2023 10:18:02 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 12:23:00 AM
Surr: BFB	97.8	15-244		%Rec	1	6/20/2023 12:23:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/20/2023 12:23:00 AM
Toluene	ND	0.048		mg/Kg	1	6/20/2023 12:23:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/20/2023 12:23:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	6/20/2023 12:23:00 AM
Surr: 4-Bromofluorobenzene	94.1	39.1-146		%Rec	1	6/20/2023 12:23:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	400	60		mg/Kg	20	6/17/2023 3:33:02 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-18 (8')

Project: Compromise SWD

Collection Date: 6/6/2023 12:24:00 PM

Lab ID: 2306608-018

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/16/2023 10:39:51 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/16/2023 10:39:51 PM
Surr: DNOP	89.0	69-147		%Rec	1	6/16/2023 10:39:51 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/20/2023 1:06:00 AM
Surr: BFB	98.1	15-244		%Rec	1	6/20/2023 1:06:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/18/2023 11:21:00 AM
Toluene	ND	0.050		mg/Kg	1	6/18/2023 11:21:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/18/2023 11:21:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	6/18/2023 11:21:00 AM
Surr: 4-Bromofluorobenzene	93.7	39.1-146		%Rec	1	6/18/2023 11:21:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	190	60		mg/Kg	20	6/17/2023 1:04:06 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-19 (8')

Project: Compromise SWD

Collection Date: 6/6/2023 12:26:00 PM

Lab ID: 2306608-019

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/16/2023 10:50:47 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/16/2023 10:50:47 PM
Surr: DNOP	110	69-147		%Rec	1	6/16/2023 10:50:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 1:28:00 AM
Surr: BFB	97.3	15-244		%Rec	1	6/20/2023 1:28:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 11:42:00 AM
Toluene	ND	0.048		mg/Kg	1	6/18/2023 11:42:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/18/2023 11:42:00 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/18/2023 11:42:00 AM
Surr: 4-Bromofluorobenzene	94.9	39.1-146		%Rec	1	6/18/2023 11:42:00 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	430	60		mg/Kg	20	6/17/2023 1:16:31 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-20 (8')

Project: Compromise SWD

Collection Date: 6/6/2023 12:28:00 PM

Lab ID: 2306608-020

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/16/2023 11:01:44 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/16/2023 11:01:44 PM
Surr: DNOP	114	69-147		%Rec	1	6/16/2023 11:01:44 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 1:50:00 AM
Surr: BFB	97.4	15-244		%Rec	1	6/20/2023 1:50:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 12:04:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 12:04:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 12:04:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/18/2023 12:04:00 PM
Surr: 4-Bromofluorobenzene	94.3	39.1-146		%Rec	1	6/18/2023 12:04:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1000	60		mg/Kg	20	6/17/2023 1:28:56 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-21 (8')

Project: Compromise SWD

Collection Date: 6/6/2023 12:30:00 PM

Lab ID: 2306608-021

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/16/2023 11:12:38 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/16/2023 11:12:38 PM
Surr: DNOP	103	69-147		%Rec	1	6/16/2023 11:12:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 2:12:00 AM
Surr: BFB	102	15-244		%Rec	1	6/20/2023 2:12:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 12:26:00 PM
Toluene	ND	0.048		mg/Kg	1	6/18/2023 12:26:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/18/2023 12:26:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/18/2023 12:26:00 PM
Surr: 4-Bromofluorobenzene	95.8	39.1-146		%Rec	1	6/18/2023 12:26:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	790	60		mg/Kg	20	6/17/2023 2:06:10 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-22 (8')

Project: Compromise SWD

Collection Date: 6/6/2023 12:32:00 PM

Lab ID: 2306608-022

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/16/2023 11:23:33 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/16/2023 11:23:33 PM
Surr: DNOP	90.8	69-147		%Rec	1	6/16/2023 11:23:33 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 2:33:00 AM
Surr: BFB	101	15-244		%Rec	1	6/20/2023 2:33:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/18/2023 12:47:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 12:47:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 12:47:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/18/2023 12:47:00 PM
Surr: 4-Bromofluorobenzene	95.5	39.1-146		%Rec	1	6/18/2023 12:47:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2200	150		mg/Kg	50	6/19/2023 1:23:51 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-23 (7')

Project: Compromise SWD

Collection Date: 6/6/2023 12:34:00 PM

Lab ID: 2306608-023

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/16/2023 11:34:27 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/16/2023 11:34:27 PM
Surr: DNOP	124	69-147		%Rec	1	6/16/2023 11:34:27 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/20/2023 2:55:00 AM
Surr: BFB	102	15-244		%Rec	1	6/20/2023 2:55:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/18/2023 1:09:00 PM
Toluene	ND	0.050		mg/Kg	1	6/18/2023 1:09:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/18/2023 1:09:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/18/2023 1:09:00 PM
Surr: 4-Bromofluorobenzene	97.2	39.1-146		%Rec	1	6/18/2023 1:09:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	570	60		mg/Kg	20	6/17/2023 2:31:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-24 (8')

Project: Compromise SWD

Collection Date: 6/6/2023 12:36:00 PM

Lab ID: 2306608-024

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	18	9.3		mg/Kg	1	6/16/2023 11:45:25 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/16/2023 11:45:25 PM
Surr: DNOP	89.8	69-147		%Rec	1	6/16/2023 11:45:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/20/2023 3:17:00 AM
Surr: BFB	105	15-244		%Rec	1	6/20/2023 3:17:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/18/2023 1:31:00 PM
Toluene	ND	0.050		mg/Kg	1	6/18/2023 1:31:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/18/2023 1:31:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/18/2023 1:31:00 PM
Surr: 4-Bromofluorobenzene	95.6	39.1-146		%Rec	1	6/18/2023 1:31:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	980	61		mg/Kg	20	6/17/2023 2:43:24 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-25 (8')

Project: Compromise SWD

Collection Date: 6/6/2023 12:38:00 PM

Lab ID: 2306608-025

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/16/2023 11:56:22 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/16/2023 11:56:22 PM
Surr: DNOP	91.4	69-147		%Rec	1	6/16/2023 11:56:22 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 3:39:00 AM
Surr: BFB	98.2	15-244		%Rec	1	6/20/2023 3:39:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 1:53:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 1:53:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 1:53:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/18/2023 1:53:00 PM
Surr: 4-Bromofluorobenzene	98.9	39.1-146		%Rec	1	6/18/2023 1:53:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1200	60		mg/Kg	20	6/17/2023 2:55:49 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-26 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:40:00 PM

Lab ID: 2306608-026

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/17/2023 12:07:17 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/17/2023 12:07:17 AM
Surr: DNOP	92.8	69-147		%Rec	1	6/17/2023 12:07:17 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 4:00:00 AM
Surr: BFB	98.1	15-244		%Rec	1	6/20/2023 4:00:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 2:15:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 2:15:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 2:15:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/18/2023 2:15:00 PM
Surr: 4-Bromofluorobenzene	98.6	39.1-146		%Rec	1	6/18/2023 2:15:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1000	61		mg/Kg	20	6/17/2023 3:08:14 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-27 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:42:00 PM

Lab ID: 2306608-027

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/17/2023 12:18:11 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 12:18:11 AM
Surr: DNOP	95.4	69-147		%Rec	1	6/17/2023 12:18:11 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 4:22:00 AM
Surr: BFB	103	15-244		%Rec	1	6/20/2023 4:22:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 2:37:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 2:37:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 2:37:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/18/2023 2:37:00 PM
Surr: 4-Bromofluorobenzene	98.8	39.1-146		%Rec	1	6/18/2023 2:37:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	520	60		mg/Kg	20	6/17/2023 3:20:38 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-28 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:44:00 PM

Lab ID: 2306608-028

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/19/2023 10:05:01 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/19/2023 10:05:01 AM
Surr: DNOP	98.3	69-147		%Rec	1	6/19/2023 10:05:01 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/18/2023 4:49:00 PM
Surr: BFB	108	15-244		%Rec	1	6/18/2023 4:49:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 4:49:00 PM
Toluene	ND	0.047		mg/Kg	1	6/18/2023 4:49:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/18/2023 4:49:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/18/2023 4:49:00 PM
Surr: 4-Bromofluorobenzene	101	39.1-146		%Rec	1	6/18/2023 4:49:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1800	60		mg/Kg	20	6/19/2023 12:20:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-29 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:46:00 PM

Lab ID: 2306608-029

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/19/2023 10:15:35 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/19/2023 10:15:35 AM
Surr: DNOP	107	69-147		%Rec	1	6/19/2023 10:15:35 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/18/2023 5:55:00 PM
Surr: BFB	107	15-244		%Rec	1	6/18/2023 5:55:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 5:55:00 PM
Toluene	ND	0.047		mg/Kg	1	6/18/2023 5:55:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/18/2023 5:55:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/18/2023 5:55:00 PM
Surr: 4-Bromofluorobenzene	101	39.1-146		%Rec	1	6/18/2023 5:55:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1200	60		mg/Kg	20	6/19/2023 12:57:13 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-30 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:48:00 PM

Lab ID: 2306608-030

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/19/2023 10:26:11 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/19/2023 10:26:11 AM
Surr: DNOP	115	69-147		%Rec	1	6/19/2023 10:26:11 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/18/2023 7:01:00 PM
Surr: BFB	106	15-244		%Rec	1	6/18/2023 7:01:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/18/2023 7:01:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 7:01:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 7:01:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/18/2023 7:01:00 PM
Surr: 4-Bromofluorobenzene	99.2	39.1-146		%Rec	1	6/18/2023 7:01:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	620	61		mg/Kg	20	6/19/2023 1:34:26 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-31 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:50:00 PM

Lab ID: 2306608-031

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/19/2023 10:36:50 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/19/2023 10:36:50 AM
Surr: DNOP	102	69-147		%Rec	1	6/19/2023 10:36:50 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/18/2023 7:23:00 PM
Surr: BFB	108	15-244		%Rec	1	6/18/2023 7:23:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 7:23:00 PM
Toluene	ND	0.048		mg/Kg	1	6/18/2023 7:23:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/18/2023 7:23:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/18/2023 7:23:00 PM
Surr: 4-Bromofluorobenzene	98.9	39.1-146		%Rec	1	6/18/2023 7:23:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	820	60		mg/Kg	20	6/19/2023 1:46:51 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-32 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:52:00 PM

Lab ID: 2306608-032

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	11	9.3		mg/Kg	1	6/19/2023 10:47:27 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/19/2023 10:47:27 AM
Surr: DNOP	103	69-147		%Rec	1	6/19/2023 10:47:27 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/18/2023 7:45:00 PM
Surr: BFB	106	15-244		%Rec	1	6/18/2023 7:45:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/18/2023 7:45:00 PM
Toluene	ND	0.047		mg/Kg	1	6/18/2023 7:45:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/18/2023 7:45:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/18/2023 7:45:00 PM
Surr: 4-Bromofluorobenzene	98.4	39.1-146		%Rec	1	6/18/2023 7:45:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	2800	150		mg/Kg	50	6/20/2023 10:22:51 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-33 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:54:00 PM

Lab ID: 2306608-033

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	24	8.8		mg/Kg	1	6/19/2023 10:58:07 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/19/2023 10:58:07 AM
Surr: DNOP	70.3	69-147		%Rec	1	6/19/2023 10:58:07 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/18/2023 8:08:00 PM
Surr: BFB	108	15-244		%Rec	1	6/18/2023 8:08:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/18/2023 8:08:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 8:08:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 8:08:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/18/2023 8:08:00 PM
Surr: 4-Bromofluorobenzene	97.7	39.1-146		%Rec	1	6/18/2023 8:08:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	3300	150		mg/Kg	50	6/20/2023 10:35:15 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-34 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:56:00 PM

Lab ID: 2306608-034

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/19/2023 1:23:36 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/19/2023 1:23:36 PM
Surr: DNOP	104	69-147		%Rec	1	6/19/2023 1:23:36 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/18/2023 8:30:00 PM
Surr: BFB	105	15-244		%Rec	1	6/18/2023 8:30:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 8:30:00 PM
Toluene	ND	0.049		mg/Kg	1	6/18/2023 8:30:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/18/2023 8:30:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/18/2023 8:30:00 PM
Surr: 4-Bromofluorobenzene	96.2	39.1-146		%Rec	1	6/18/2023 8:30:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1100	60		mg/Kg	20	6/19/2023 2:48:55 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-35 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 12:58:00 PM

Lab ID: 2306608-035

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	140	9.8		mg/Kg	1	6/20/2023 10:55:33 AM
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	6/20/2023 10:55:33 AM
Surr: DNOP	97.1	69-147		%Rec	1	6/20/2023 10:55:33 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/18/2023 8:52:00 PM
Surr: BFB	99.9	15-244		%Rec	1	6/18/2023 8:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/18/2023 8:52:00 PM
Toluene	ND	0.050		mg/Kg	1	6/18/2023 8:52:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/18/2023 8:52:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/18/2023 8:52:00 PM
Surr: 4-Bromofluorobenzene	94.9	39.1-146		%Rec	1	6/18/2023 8:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1500	60		mg/Kg	20	6/19/2023 3:26:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-36 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 1:00:00 PM

Lab ID: 2306608-036

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	950	9.9		mg/Kg	1	6/20/2023 11:51:09 AM
Motor Oil Range Organics (MRO)	530	50		mg/Kg	1	6/20/2023 11:51:09 AM
Surr: DNOP	105	69-147		%Rec	1	6/20/2023 11:51:09 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/18/2023 9:14:00 PM
Surr: BFB	117	15-244		%Rec	1	6/18/2023 9:14:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 9:14:00 PM
Toluene	ND	0.048		mg/Kg	1	6/18/2023 9:14:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/18/2023 9:14:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/18/2023 9:14:00 PM
Surr: 4-Bromofluorobenzene	100	39.1-146		%Rec	1	6/18/2023 9:14:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	360	60		mg/Kg	20	6/19/2023 3:38:33 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-37 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 1:02:00 PM

Lab ID: 2306608-037

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	13	9.9		mg/Kg	1	6/19/2023 2:06:16 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/19/2023 2:06:16 PM
Surr: DNOP	104	69-147		%Rec	1	6/19/2023 2:06:16 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/18/2023 9:36:00 PM
Surr: BFB	105	15-244		%Rec	1	6/18/2023 9:36:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/18/2023 9:36:00 PM
Toluene	ND	0.048		mg/Kg	1	6/18/2023 9:36:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/18/2023 9:36:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/18/2023 9:36:00 PM
Surr: 4-Bromofluorobenzene	96.4	39.1-146		%Rec	1	6/18/2023 9:36:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1200	60		mg/Kg	20	6/19/2023 3:50:57 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-38 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 1:04:00 PM

Lab ID: 2306608-038

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/19/2023 2:17:00 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/19/2023 2:17:00 PM
Surr: DNOP	109	69-147		%Rec	1	6/19/2023 2:17:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 10:15:00 AM
Surr: BFB	104	15-244		%Rec	1	6/19/2023 10:15:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 10:15:00 AM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 10:15:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 10:15:00 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 10:15:00 AM
Surr: 4-Bromofluorobenzene	97.2	39.1-146		%Rec	1	6/19/2023 10:15:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1100	61		mg/Kg	20	6/19/2023 4:03:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-39 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 1:06:00 PM

Lab ID: 2306608-039

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	29	9.2		mg/Kg	1	6/19/2023 2:27:43 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/19/2023 2:27:43 PM
Surr: DNOP	103	69-147		%Rec	1	6/19/2023 2:27:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 10:36:00 AM
Surr: BFB	102	15-244		%Rec	1	6/19/2023 10:36:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 10:36:00 AM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 10:36:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 10:36:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 10:36:00 AM
Surr: 4-Bromofluorobenzene	97.3	39.1-146		%Rec	1	6/19/2023 10:36:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	860	60		mg/Kg	20	6/19/2023 4:15:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-40 (6')

Project: Compromise SWD

Collection Date: 6/6/2023 1:08:00 PM

Lab ID: 2306608-040

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	17	9.6		mg/Kg	1	6/20/2023 4:11:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/20/2023 4:11:57 PM
Surr: DNOP	87.8	69-147		%Rec	1	6/20/2023 4:11:57 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 10:58:00 AM
Surr: BFB	102	15-244		%Rec	1	6/19/2023 10:58:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 10:58:00 AM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 10:58:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 10:58:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 10:58:00 AM
Surr: 4-Bromofluorobenzene	96.9	39.1-146		%Rec	1	6/19/2023 10:58:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	840	60		mg/Kg	20	6/19/2023 4:28:10 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-41 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 12:50:00 PM

Lab ID: 2306608-041

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/20/2023 2:56:36 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/20/2023 2:56:36 PM
Surr: DNOP	86.3	69-147		%Rec	1	6/20/2023 2:56:36 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 11:20:00 AM
Surr: BFB	135	15-244		%Rec	1	6/19/2023 11:20:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 11:20:00 AM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 11:20:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 11:20:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 11:20:00 AM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	6/19/2023 11:20:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	790	60		mg/Kg	20	6/19/2023 2:00:54 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-42 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 12:52:00 PM

Lab ID: 2306608-042

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	35	9.2		mg/Kg	1	6/20/2023 3:07:31 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/20/2023 3:07:31 PM
Surr: DNOP	90.9	69-147		%Rec	1	6/20/2023 3:07:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 11:42:00 AM
Surr: BFB	129	15-244		%Rec	1	6/19/2023 11:42:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/19/2023 11:42:00 AM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 11:42:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 11:42:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	6/19/2023 11:42:00 AM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	6/19/2023 11:42:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1000	60		mg/Kg	20	6/19/2023 3:02:38 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-43 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 12:54:00 PM

Lab ID: 2306608-043

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/20/2023 3:18:24 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/20/2023 3:18:24 PM
Surr: DNOP	96.9	69-147		%Rec	1	6/20/2023 3:18:24 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 12:03:00 PM
Surr: BFB	103	15-244		%Rec	1	6/19/2023 12:03:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 12:03:00 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 12:03:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 12:03:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 12:03:00 PM
Surr: 4-Bromofluorobenzene	99.0	39.1-146		%Rec	1	6/19/2023 12:03:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1400	60		mg/Kg	20	6/19/2023 3:39:41 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-44 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 12:56:00 PM

Lab ID: 2306608-044

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/20/2023 3:29:19 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/20/2023 3:29:19 PM
Surr: DNOP	91.7	69-147		%Rec	1	6/20/2023 3:29:19 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 12:25:00 PM
Surr: BFB	107	15-244		%Rec	1	6/19/2023 12:25:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 12:25:00 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 12:25:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 12:25:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 12:25:00 PM
Surr: 4-Bromofluorobenzene	98.4	39.1-146		%Rec	1	6/19/2023 12:25:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1100	60		mg/Kg	20	6/19/2023 3:52:02 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-45 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 12:58:00 PM

Lab ID: 2306608-045

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	30	8.7		mg/Kg	1	6/20/2023 3:40:12 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/20/2023 3:40:12 PM
Surr: DNOP	93.8	69-147		%Rec	1	6/20/2023 3:40:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 12:47:00 PM
Surr: BFB	104	15-244		%Rec	1	6/19/2023 12:47:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 12:47:00 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 12:47:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 12:47:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 12:47:00 PM
Surr: 4-Bromofluorobenzene	98.5	39.1-146		%Rec	1	6/19/2023 12:47:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2000	60		mg/Kg	20	6/19/2023 4:04:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-46 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:00:00 PM

Lab ID: 2306608-046

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	6/20/2023 3:51:06 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/20/2023 3:51:06 PM
Surr: DNOP	88.5	69-147		%Rec	1	6/20/2023 3:51:06 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 1:09:00 PM
Surr: BFB	106	15-244		%Rec	1	6/19/2023 1:09:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/19/2023 1:09:00 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 1:09:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 1:09:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 1:09:00 PM
Surr: 4-Bromofluorobenzene	98.8	39.1-146		%Rec	1	6/19/2023 1:09:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	820	60		mg/Kg	20	6/19/2023 4:16:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-47 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:02:00 PM

Lab ID: 2306608-047

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	6/20/2023 4:02:00 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/20/2023 4:02:00 PM
Surr: DNOP	95.1	69-147		%Rec	1	6/20/2023 4:02:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 1:31:00 PM
Surr: BFB	106	15-244		%Rec	1	6/19/2023 1:31:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/19/2023 1:31:00 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 1:31:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 1:31:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 1:31:00 PM
Surr: 4-Bromofluorobenzene	101	39.1-146		%Rec	1	6/19/2023 1:31:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2100	60		mg/Kg	20	6/19/2023 4:29:05 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-48 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:04:00 PM

Lab ID: 2306608-048

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/17/2023 12:50:45 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2023 12:50:45 AM
Surr: DNOP	83.6	69-147		%Rec	1	6/17/2023 12:50:45 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1900	60		mg/Kg	20	6/17/2023 3:45:27 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 11:10:59 AM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 11:10:59 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 11:10:59 AM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 11:10:59 AM
Surr: 1,2-Dichloroethane-d4	110	64.8-147		%Rec	1	6/19/2023 11:10:59 AM
Surr: 4-Bromofluorobenzene	99.9	62.1-144		%Rec	1	6/19/2023 11:10:59 AM
Surr: Dibromofluoromethane	116	73-145		%Rec	1	6/19/2023 11:10:59 AM
Surr: Toluene-d8	94.6	70-130		%Rec	1	6/19/2023 11:10:59 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 11:10:59 AM
Surr: BFB	108	70-130		%Rec	1	6/19/2023 11:10:59 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-49 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:06:00 PM

Lab ID: 2306608-049

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/17/2023 1:01:34 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/17/2023 1:01:34 AM
Surr: DNOP	91.2	69-147		%Rec	1	6/17/2023 1:01:34 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	990	60		mg/Kg	20	6/17/2023 3:57:52 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 12:41:50 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 12:41:50 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 12:41:50 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 12:41:50 PM
Surr: 1,2-Dichloroethane-d4	112	64.8-147		%Rec	1	6/19/2023 12:41:50 PM
Surr: 4-Bromofluorobenzene	94.0	62.1-144		%Rec	1	6/19/2023 12:41:50 PM
Surr: Dibromofluoromethane	124	73-145		%Rec	1	6/19/2023 12:41:50 PM
Surr: Toluene-d8	94.6	70-130		%Rec	1	6/19/2023 12:41:50 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 12:41:50 PM
Surr: BFB	106	70-130		%Rec	1	6/19/2023 12:41:50 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-50 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:08:00 PM

Lab ID: 2306608-050

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/17/2023 1:12:26 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/17/2023 1:12:26 AM
Surr: DNOP	93.1	69-147		%Rec	1	6/17/2023 1:12:26 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	1300	60		mg/Kg	20	6/17/2023 4:35:06 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/19/2023 2:13:42 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 2:13:42 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 2:13:42 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 2:13:42 PM
Surr: 1,2-Dichloroethane-d4	113	64.8-147		%Rec	1	6/19/2023 2:13:42 PM
Surr: 4-Bromofluorobenzene	99.2	62.1-144		%Rec	1	6/19/2023 2:13:42 PM
Surr: Dibromofluoromethane	128	73-145		%Rec	1	6/19/2023 2:13:42 PM
Surr: Toluene-d8	99.6	70-130		%Rec	1	6/19/2023 2:13:42 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 2:13:42 PM
Surr: BFB	111	70-130		%Rec	1	6/19/2023 2:13:42 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-51 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:10:00 PM

Lab ID: 2306608-051

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	13	10		mg/Kg	1	6/17/2023 1:23:18 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/17/2023 1:23:18 AM
Surr: DNOP	92.4	69-147		%Rec	1	6/17/2023 1:23:18 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1000	60		mg/Kg	20	6/17/2023 8:38:22 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/19/2023 2:44:30 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 2:44:30 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 2:44:30 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/19/2023 2:44:30 PM
Surr: 1,2-Dichloroethane-d4	105	64.8-147		%Rec	1	6/19/2023 2:44:30 PM
Surr: 4-Bromofluorobenzene	95.5	62.1-144		%Rec	1	6/19/2023 2:44:30 PM
Surr: Dibromofluoromethane	119	73-145		%Rec	1	6/19/2023 2:44:30 PM
Surr: Toluene-d8	97.6	70-130		%Rec	1	6/19/2023 2:44:30 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 2:44:30 PM
Surr: BFB	108	70-130		%Rec	1	6/19/2023 2:44:30 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-52 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:12:00 PM

Lab ID: 2306608-052

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	11	9.7		mg/Kg	1	6/17/2023 1:34:11 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/17/2023 1:34:11 AM
Surr: DNOP	93.8	69-147		%Rec	1	6/17/2023 1:34:11 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	690	60		mg/Kg	20	6/19/2023 4:41:25 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 3:15:18 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 3:15:18 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 3:15:18 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 3:15:18 PM
Surr: 1,2-Dichloroethane-d4	103	64.8-147		%Rec	1	6/19/2023 3:15:18 PM
Surr: 4-Bromofluorobenzene	94.1	62.1-144		%Rec	1	6/19/2023 3:15:18 PM
Surr: Dibromofluoromethane	124	73-145		%Rec	1	6/19/2023 3:15:18 PM
Surr: Toluene-d8	98.0	70-130		%Rec	1	6/19/2023 3:15:18 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 3:15:18 PM
Surr: BFB	102	70-130		%Rec	1	6/19/2023 3:15:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-53 (10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:14:00 PM

Lab ID: 2306608-053

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	34	8.7		mg/Kg	1	6/17/2023 1:45:03 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/17/2023 1:45:03 AM
Surr: DNOP	108	69-147		%Rec	1	6/17/2023 1:45:03 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1600	60		mg/Kg	20	6/19/2023 4:53:46 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 3:46:19 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 3:46:19 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 3:46:19 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/19/2023 3:46:19 PM
Surr: 1,2-Dichloroethane-d4	109	64.8-147		%Rec	1	6/19/2023 3:46:19 PM
Surr: 4-Bromofluorobenzene	97.1	62.1-144		%Rec	1	6/19/2023 3:46:19 PM
Surr: Dibromofluoromethane	130	73-145		%Rec	1	6/19/2023 3:46:19 PM
Surr: Toluene-d8	95.7	70-130		%Rec	1	6/19/2023 3:46:19 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 3:46:19 PM
Surr: BFB	102	70-130		%Rec	1	6/19/2023 3:46:19 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-54 (14')

Project: Compromise SWD

Collection Date: 6/6/2023 1:16:00 PM

Lab ID: 2306608-054

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/17/2023 1:55:56 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 1:55:56 AM
Surr: DNOP	84.9	69-147		%Rec	1	6/17/2023 1:55:56 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1500	60		mg/Kg	20	6/19/2023 5:30:48 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/19/2023 4:17:21 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 4:17:21 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 4:17:21 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 4:17:21 PM
Surr: 1,2-Dichloroethane-d4	110	64.8-147		%Rec	1	6/19/2023 4:17:21 PM
Surr: 4-Bromofluorobenzene	97.6	62.1-144		%Rec	1	6/19/2023 4:17:21 PM
Surr: Dibromofluoromethane	126	73-145		%Rec	1	6/19/2023 4:17:21 PM
Surr: Toluene-d8	99.5	70-130		%Rec	1	6/19/2023 4:17:21 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 4:17:21 PM
Surr: BFB	105	70-130		%Rec	1	6/19/2023 4:17:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-55 (14')

Project: Compromise SWD

Collection Date: 6/6/2023 1:18:00 PM

Lab ID: 2306608-055

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	1000	18		mg/Kg	2	6/20/2023 1:02:25 PM
Motor Oil Range Organics (MRO)	350	92		mg/Kg	2	6/20/2023 1:02:25 PM
Surr: DNOP	103	69-147		%Rec	2	6/20/2023 1:02:25 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	780	60		mg/Kg	20	6/19/2023 5:43:10 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.12		mg/Kg	5	6/19/2023 4:48:23 PM
Toluene	ND	0.23		mg/Kg	5	6/19/2023 4:48:23 PM
Ethylbenzene	0.61	0.23		mg/Kg	5	6/19/2023 4:48:23 PM
Xylenes, Total	ND	0.47		mg/Kg	5	6/19/2023 4:48:23 PM
Surr: 1,2-Dichloroethane-d4	102	64.8-147		%Rec	5	6/19/2023 4:48:23 PM
Surr: 4-Bromofluorobenzene	114	62.1-144		%Rec	5	6/19/2023 4:48:23 PM
Surr: Dibromofluoromethane	121	73-145		%Rec	5	6/19/2023 4:48:23 PM
Surr: Toluene-d8	101	70-130		%Rec	5	6/19/2023 4:48:23 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	92	23		mg/Kg	5	6/19/2023 4:48:23 PM
Surr: BFB	120	70-130		%Rec	5	6/19/2023 4:48:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-56 (14')

Project: Compromise SWD

Collection Date: 6/6/2023 1:20:00 PM

Lab ID: 2306608-056

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	28	9.1		mg/Kg	1	6/17/2023 2:17:46 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 2:17:46 AM
Surr: DNOP	83.8	69-147		%Rec	1	6/17/2023 2:17:46 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1300	60		mg/Kg	20	6/19/2023 5:55:30 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/19/2023 5:19:30 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 5:19:30 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 5:19:30 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 5:19:30 PM
Surr: 1,2-Dichloroethane-d4	107	64.8-147		%Rec	1	6/19/2023 5:19:30 PM
Surr: 4-Bromofluorobenzene	98.6	62.1-144		%Rec	1	6/19/2023 5:19:30 PM
Surr: Dibromofluoromethane	124	73-145		%Rec	1	6/19/2023 5:19:30 PM
Surr: Toluene-d8	100	70-130		%Rec	1	6/19/2023 5:19:30 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	14	4.9		mg/Kg	1	6/19/2023 5:19:30 PM
Surr: BFB	107	70-130		%Rec	1	6/19/2023 5:19:30 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-57 (14')

Project: Compromise SWD

Collection Date: 6/6/2023 1:22:00 PM

Lab ID: 2306608-057

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/17/2023 2:28:41 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/17/2023 2:28:41 AM
Surr: DNOP	95.8	69-147		%Rec	1	6/17/2023 2:28:41 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	740	60		mg/Kg	20	6/19/2023 6:07:51 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 5:50:38 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 5:50:38 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 5:50:38 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 5:50:38 PM
Surr: 1,2-Dichloroethane-d4	107	64.8-147		%Rec	1	6/19/2023 5:50:38 PM
Surr: 4-Bromofluorobenzene	99.8	62.1-144		%Rec	1	6/19/2023 5:50:38 PM
Surr: Dibromofluoromethane	128	73-145		%Rec	1	6/19/2023 5:50:38 PM
Surr: Toluene-d8	99.4	70-130		%Rec	1	6/19/2023 5:50:38 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 5:50:38 PM
Surr: BFB	108	70-130		%Rec	1	6/19/2023 5:50:38 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-58 (0'-10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:24:00 PM

Lab ID: 2306608-058

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	470	9.6		mg/Kg	1	6/17/2023 2:39:36 AM
Motor Oil Range Organics (MRO)	120	48		mg/Kg	1	6/17/2023 2:39:36 AM
Surr: DNOP	92.8	69-147		%Rec	1	6/17/2023 2:39:36 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1500	60		mg/Kg	20	6/19/2023 6:20:11 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 6:21:51 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 6:21:51 PM
Ethylbenzene	0.14	0.048		mg/Kg	1	6/19/2023 6:21:51 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 6:21:51 PM
Surr: 1,2-Dichloroethane-d4	109	64.8-147		%Rec	1	6/19/2023 6:21:51 PM
Surr: 4-Bromofluorobenzene	143	62.1-144		%Rec	1	6/19/2023 6:21:51 PM
Surr: Dibromofluoromethane	124	73-145		%Rec	1	6/19/2023 6:21:51 PM
Surr: Toluene-d8	99.6	70-130		%Rec	1	6/19/2023 6:21:51 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	99	4.8		mg/Kg	1	6/19/2023 6:21:51 PM
Surr: BFB	169	70-130	S	%Rec	1	6/19/2023 6:21:51 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-59 (0'-10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:26:00 PM

Lab ID: 2306608-059

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	260	9.5		mg/Kg	1	6/17/2023 3:12:03 AM
Motor Oil Range Organics (MRO)	51	47		mg/Kg	1	6/17/2023 3:12:03 AM
Surr: DNOP	112	69-147		%Rec	1	6/17/2023 3:12:03 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1300	60		mg/Kg	20	6/19/2023 6:32:32 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.12		mg/Kg	5	6/19/2023 6:52:54 PM
Toluene	ND	0.24		mg/Kg	5	6/19/2023 6:52:54 PM
Ethylbenzene	0.78	0.24		mg/Kg	5	6/19/2023 6:52:54 PM
Xylenes, Total	0.83	0.49		mg/Kg	5	6/19/2023 6:52:54 PM
Surr: 1,2-Dichloroethane-d4	103	64.8-147		%Rec	5	6/19/2023 6:52:54 PM
Surr: 4-Bromofluorobenzene	114	62.1-144		%Rec	5	6/19/2023 6:52:54 PM
Surr: Dibromofluoromethane	117	73-145		%Rec	5	6/19/2023 6:52:54 PM
Surr: Toluene-d8	102	70-130		%Rec	5	6/19/2023 6:52:54 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	210	24		mg/Kg	5	6/19/2023 6:52:54 PM
Surr: BFB	121	70-130		%Rec	5	6/19/2023 6:52:54 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-60 (0'-10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:28:00 PM

Lab ID: 2306608-060

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	53	8.5		mg/Kg	1	6/17/2023 3:22:57 AM
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	6/17/2023 3:22:57 AM
Surr: DNOP	101	69-147		%Rec	1	6/17/2023 3:22:57 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1300	60		mg/Kg	20	6/19/2023 6:44:53 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 7:23:51 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 7:23:51 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 7:23:51 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/19/2023 7:23:51 PM
Surr: 1,2-Dichloroethane-d4	104	64.8-147		%Rec	1	6/19/2023 7:23:51 PM
Surr: 4-Bromofluorobenzene	99.6	62.1-144		%Rec	1	6/19/2023 7:23:51 PM
Surr: Dibromofluoromethane	126	73-145		%Rec	1	6/19/2023 7:23:51 PM
Surr: Toluene-d8	97.3	70-130		%Rec	1	6/19/2023 7:23:51 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 7:23:51 PM
Surr: BFB	104	70-130		%Rec	1	6/19/2023 7:23:51 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-61 (0'-10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:30:00 PM

Lab ID: 2306608-061

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	53	8.6		mg/Kg	1	6/17/2023 3:34:04 AM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/17/2023 3:34:04 AM
Surr: DNOP	92.4	69-147		%Rec	1	6/17/2023 3:34:04 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2200	59		mg/Kg	20	6/19/2023 6:57:13 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/19/2023 7:54:52 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 7:54:52 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 7:54:52 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 7:54:52 PM
Surr: 1,2-Dichloroethane-d4	109	64.8-147		%Rec	1	6/19/2023 7:54:52 PM
Surr: 4-Bromofluorobenzene	101	62.1-144		%Rec	1	6/19/2023 7:54:52 PM
Surr: Dibromofluoromethane	129	73-145		%Rec	1	6/19/2023 7:54:52 PM
Surr: Toluene-d8	97.4	70-130		%Rec	1	6/19/2023 7:54:52 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 7:54:52 PM
Surr: BFB	106	70-130		%Rec	1	6/19/2023 7:54:52 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-1 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:32:00 PM

Lab ID: 2306608-062

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	62	9.2		mg/Kg	1	6/17/2023 3:45:09 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 3:45:09 AM
Surr: DNOP	83.2	69-147		%Rec	1	6/17/2023 3:45:09 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1300	60		mg/Kg	20	6/19/2023 7:09:34 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/19/2023 8:25:37 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 8:25:37 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 8:25:37 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 8:25:37 PM
Surr: 1,2-Dichloroethane-d4	105	64.8-147		%Rec	1	6/19/2023 8:25:37 PM
Surr: 4-Bromofluorobenzene	99.1	62.1-144		%Rec	1	6/19/2023 8:25:37 PM
Surr: Dibromofluoromethane	127	73-145		%Rec	1	6/19/2023 8:25:37 PM
Surr: Toluene-d8	99.8	70-130		%Rec	1	6/19/2023 8:25:37 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 8:25:37 PM
Surr: BFB	109	70-130		%Rec	1	6/19/2023 8:25:37 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-2 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:34:00 PM

Lab ID: 2306608-063

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/17/2023 3:56:11 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 3:56:11 AM
Surr: DNOP	90.2	69-147		%Rec	1	6/17/2023 3:56:11 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	17000	600		mg/Kg	200	6/20/2023 11:12:30 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/20/2023 11:12:54 AM
Toluene	ND	0.049		mg/Kg	1	6/20/2023 11:12:54 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/20/2023 11:12:54 AM
Xylenes, Total	ND	0.099		mg/Kg	1	6/20/2023 11:12:54 AM
Surr: 1,2-Dichloroethane-d4	99.2	64.8-147		%Rec	1	6/20/2023 11:12:54 AM
Surr: 4-Bromofluorobenzene	95.8	62.1-144		%Rec	1	6/20/2023 11:12:54 AM
Surr: Dibromofluoromethane	105	73-145		%Rec	1	6/20/2023 11:12:54 AM
Surr: Toluene-d8	93.1	70-130		%Rec	1	6/20/2023 11:12:54 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/20/2023 11:12:54 AM
Surr: BFB	100	70-130		%Rec	1	6/20/2023 11:12:54 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-3 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:36:00 PM

Lab ID: 2306608-064

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	63	9.1		mg/Kg	1	6/17/2023 4:17:57 AM
Motor Oil Range Organics (MRO)	60	45		mg/Kg	1	6/17/2023 4:17:57 AM
Surr: DNOP	115	69-147		%Rec	1	6/17/2023 4:17:57 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	170	60		mg/Kg	20	6/19/2023 7:58:56 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/20/2023 11:42:52 AM
Toluene	ND	0.047		mg/Kg	1	6/20/2023 11:42:52 AM
Ethylbenzene	ND	0.047		mg/Kg	1	6/20/2023 11:42:52 AM
Xylenes, Total	ND	0.093		mg/Kg	1	6/20/2023 11:42:52 AM
Surr: 1,2-Dichloroethane-d4	99.1	64.8-147		%Rec	1	6/20/2023 11:42:52 AM
Surr: 4-Bromofluorobenzene	97.6	62.1-144		%Rec	1	6/20/2023 11:42:52 AM
Surr: Dibromofluoromethane	105	73-145		%Rec	1	6/20/2023 11:42:52 AM
Surr: Toluene-d8	94.1	70-130		%Rec	1	6/20/2023 11:42:52 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/20/2023 11:42:52 AM
Surr: BFB	103	70-130		%Rec	1	6/20/2023 11:42:52 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-4 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:38:00 PM

Lab ID: 2306608-065

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/17/2023 4:39:39 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/17/2023 4:39:39 AM
Surr: DNOP	85.2	69-147		%Rec	1	6/17/2023 4:39:39 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	130	60		mg/Kg	20	6/19/2023 5:55:00 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	6/20/2023 12:12:53 PM
Toluene	ND	0.048		mg/Kg	1	6/20/2023 12:12:53 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/20/2023 12:12:53 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/20/2023 12:12:53 PM
Surr: 1,2-Dichloroethane-d4	103	64.8-147		%Rec	1	6/20/2023 12:12:53 PM
Surr: 4-Bromofluorobenzene	96.9	62.1-144		%Rec	1	6/20/2023 12:12:53 PM
Surr: Dibromofluoromethane	108	73-145		%Rec	1	6/20/2023 12:12:53 PM
Surr: Toluene-d8	95.9	70-130		%Rec	1	6/20/2023 12:12:53 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2023 12:12:53 PM
Surr: BFB	103	70-130		%Rec	1	6/20/2023 12:12:53 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-5 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:40:00 PM

Lab ID: 2306608-066

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	18	8.9		mg/Kg	1	6/17/2023 4:50:37 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/17/2023 4:50:37 AM
Surr: DNOP	91.8	69-147		%Rec	1	6/17/2023 4:50:37 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1400	60		mg/Kg	20	6/19/2023 6:32:12 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.025		mg/Kg	1	6/20/2023 12:43:07 PM
Toluene	ND	0.050		mg/Kg	1	6/20/2023 12:43:07 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/20/2023 12:43:07 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/20/2023 12:43:07 PM
Surr: 1,2-Dichloroethane-d4	103	64.8-147		%Rec	1	6/20/2023 12:43:07 PM
Surr: 4-Bromofluorobenzene	98.2	62.1-144		%Rec	1	6/20/2023 12:43:07 PM
Surr: Dibromofluoromethane	109	73-145		%Rec	1	6/20/2023 12:43:07 PM
Surr: Toluene-d8	96.9	70-130		%Rec	1	6/20/2023 12:43:07 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/20/2023 12:43:07 PM
Surr: BFB	104	70-130		%Rec	1	6/20/2023 12:43:07 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-6 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:42:00 PM

Lab ID: 2306608-067

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	6/17/2023 5:12:14 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/17/2023 5:12:14 AM
Surr: DNOP	73.7	69-147		%Rec	1	6/17/2023 5:12:14 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	130	60		mg/Kg	20	6/19/2023 7:09:26 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.023		mg/Kg	1	6/20/2023 1:13:22 PM
Toluene	ND	0.047		mg/Kg	1	6/20/2023 1:13:22 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/20/2023 1:13:22 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/20/2023 1:13:22 PM
Surr: 1,2-Dichloroethane-d4	105	64.8-147		%Rec	1	6/20/2023 1:13:22 PM
Surr: 4-Bromofluorobenzene	98.5	62.1-144		%Rec	1	6/20/2023 1:13:22 PM
Surr: Dibromofluoromethane	109	73-145		%Rec	1	6/20/2023 1:13:22 PM
Surr: Toluene-d8	96.1	70-130		%Rec	1	6/20/2023 1:13:22 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/20/2023 1:13:22 PM
Surr: BFB	102	70-130		%Rec	1	6/20/2023 1:13:22 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-7 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:44:00 PM

Lab ID: 2306608-068

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/17/2023 5:33:48 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/17/2023 5:33:48 AM
Surr: DNOP	86.8	69-147		%Rec	1	6/17/2023 5:33:48 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1200	60		mg/Kg	20	6/19/2023 7:21:50 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 1:11:44 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 1:11:44 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 1:11:44 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 1:11:44 PM
Surr: 1,2-Dichloroethane-d4	106	64.8-147		%Rec	1	6/19/2023 1:11:44 PM
Surr: 4-Bromofluorobenzene	93.2	62.1-144		%Rec	1	6/19/2023 1:11:44 PM
Surr: Dibromofluoromethane	110	73-145		%Rec	1	6/19/2023 1:11:44 PM
Surr: Toluene-d8	95.8	70-130		%Rec	1	6/19/2023 1:11:44 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 1:11:44 PM
Surr: BFB	94.1	70-130		%Rec	1	6/19/2023 1:11:44 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-8 (7'-10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:46:00 PM

Lab ID: 2306608-069

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	220	9.1		mg/Kg	1	6/17/2023 5:55:21 AM
Motor Oil Range Organics (MRO)	92	45		mg/Kg	1	6/17/2023 5:55:21 AM
Surr: DNOP	102	69-147		%Rec	1	6/17/2023 5:55:21 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	660	60		mg/Kg	20	6/19/2023 7:34:15 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 2:34:40 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 2:34:40 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 2:34:40 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 2:34:40 PM
Surr: 1,2-Dichloroethane-d4	115	64.8-147		%Rec	1	6/19/2023 2:34:40 PM
Surr: 4-Bromofluorobenzene	110	62.1-144		%Rec	1	6/19/2023 2:34:40 PM
Surr: Dibromofluoromethane	116	73-145		%Rec	1	6/19/2023 2:34:40 PM
Surr: Toluene-d8	94.6	70-130		%Rec	1	6/19/2023 2:34:40 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	9.9	4.9		mg/Kg	1	6/19/2023 2:34:40 PM
Surr: BFB	110	70-130		%Rec	1	6/19/2023 2:34:40 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-9 (7'-10')

Project: Compromise SWD

Collection Date: 6/6/2023 1:48:00 PM

Lab ID: 2306608-070

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/17/2023 6:16:54 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 6:16:54 AM
Surr: DNOP	94.0	69-147		%Rec	1	6/17/2023 6:16:54 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	170	60		mg/Kg	20	6/19/2023 7:46:39 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 3:02:26 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 3:02:26 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 3:02:26 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/19/2023 3:02:26 PM
Surr: 1,2-Dichloroethane-d4	105	64.8-147		%Rec	1	6/19/2023 3:02:26 PM
Surr: 4-Bromofluorobenzene	96.3	62.1-144		%Rec	1	6/19/2023 3:02:26 PM
Surr: Dibromofluoromethane	113	73-145		%Rec	1	6/19/2023 3:02:26 PM
Surr: Toluene-d8	94.8	70-130		%Rec	1	6/19/2023 3:02:26 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 3:02:26 PM
Surr: BFB	97.8	70-130		%Rec	1	6/19/2023 3:02:26 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-10 (0'-7')

Project: Compromise SWD

Collection Date: 6/6/2023 1:50:00 PM

Lab ID: 2306608-071

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/17/2023 6:27:44 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2023 6:27:44 AM
Surr: DNOP	83.5	69-147		%Rec	1	6/17/2023 6:27:44 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1200	59		mg/Kg	20	6/19/2023 8:23:53 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 3:30:08 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 3:30:08 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 3:30:08 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 3:30:08 PM
Surr: 1,2-Dichloroethane-d4	110	64.8-147		%Rec	1	6/19/2023 3:30:08 PM
Surr: 4-Bromofluorobenzene	94.8	62.1-144		%Rec	1	6/19/2023 3:30:08 PM
Surr: Dibromofluoromethane	117	73-145		%Rec	1	6/19/2023 3:30:08 PM
Surr: Toluene-d8	96.7	70-130		%Rec	1	6/19/2023 3:30:08 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 3:30:08 PM
Surr: BFB	96.2	70-130		%Rec	1	6/19/2023 3:30:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-11 (0'-8')

Project: Compromise SWD

Collection Date: 6/6/2023 1:52:00 PM

Lab ID: 2306608-072

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/17/2023 6:49:13 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/17/2023 6:49:13 AM
Surr: DNOP	69.2	69-147		%Rec	1	6/17/2023 6:49:13 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2300	61		mg/Kg	20	6/19/2023 8:36:18 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 3:57:52 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 3:57:52 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 3:57:52 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 3:57:52 PM
Surr: 1,2-Dichloroethane-d4	110	64.8-147		%Rec	1	6/19/2023 3:57:52 PM
Surr: 4-Bromofluorobenzene	93.8	62.1-144		%Rec	1	6/19/2023 3:57:52 PM
Surr: Dibromofluoromethane	115	73-145		%Rec	1	6/19/2023 3:57:52 PM
Surr: Toluene-d8	97.2	70-130		%Rec	1	6/19/2023 3:57:52 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 3:57:52 PM
Surr: BFB	93.1	70-130		%Rec	1	6/19/2023 3:57:52 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-12 (0'-8')

Project: Compromise SWD

Collection Date: 6/6/2023 1:54:00 PM

Lab ID: 2306608-073

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	6/17/2023 7:00:02 AM
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	6/17/2023 7:00:02 AM
Surr: DNOP	108	69-147		%Rec	1	6/17/2023 7:00:02 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	750	60		mg/Kg	20	6/19/2023 8:48:43 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 4:25:40 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 4:25:40 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 4:25:40 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 4:25:40 PM
Surr: 1,2-Dichloroethane-d4	110	64.8-147		%Rec	1	6/19/2023 4:25:40 PM
Surr: 4-Bromofluorobenzene	91.0	62.1-144		%Rec	1	6/19/2023 4:25:40 PM
Surr: Dibromofluoromethane	112	73-145		%Rec	1	6/19/2023 4:25:40 PM
Surr: Toluene-d8	96.4	70-130		%Rec	1	6/19/2023 4:25:40 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 4:25:40 PM
Surr: BFB	93.0	70-130		%Rec	1	6/19/2023 4:25:40 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-13 (0'-8')

Project: Compromise SWD

Collection Date: 6/6/2023 1:56:00 PM

Lab ID: 2306608-074

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/17/2023 7:10:50 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2023 7:10:50 AM
Surr: DNOP	98.8	69-147		%Rec	1	6/17/2023 7:10:50 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	370	60		mg/Kg	20	6/19/2023 9:01:07 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 4:53:27 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 4:53:27 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 4:53:27 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 4:53:27 PM
Surr: 1,2-Dichloroethane-d4	108	64.8-147		%Rec	1	6/19/2023 4:53:27 PM
Surr: 4-Bromofluorobenzene	87.6	62.1-144		%Rec	1	6/19/2023 4:53:27 PM
Surr: Dibromofluoromethane	112	73-145		%Rec	1	6/19/2023 4:53:27 PM
Surr: Toluene-d8	98.4	70-130		%Rec	1	6/19/2023 4:53:27 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 4:53:27 PM
Surr: BFB	93.6	70-130		%Rec	1	6/19/2023 4:53:27 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-14 (6'-8')

Project: Compromise SWD

Collection Date: 6/6/2023 1:58:00 PM

Lab ID: 2306608-075

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/17/2023 7:21:38 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 7:21:38 AM
Surr: DNOP	103	69-147		%Rec	1	6/17/2023 7:21:38 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	180	60		mg/Kg	20	6/19/2023 9:13:32 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 5:21:16 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 5:21:16 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 5:21:16 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/19/2023 5:21:16 PM
Surr: 1,2-Dichloroethane-d4	110	64.8-147		%Rec	1	6/19/2023 5:21:16 PM
Surr: 4-Bromofluorobenzene	89.5	62.1-144		%Rec	1	6/19/2023 5:21:16 PM
Surr: Dibromofluoromethane	117	73-145		%Rec	1	6/19/2023 5:21:16 PM
Surr: Toluene-d8	96.6	70-130		%Rec	1	6/19/2023 5:21:16 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 5:21:16 PM
Surr: BFB	92.4	70-130		%Rec	1	6/19/2023 5:21:16 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-15 (6'-8')

Project: Compromise SWD

Collection Date: 6/6/2023 2:00:00 PM

Lab ID: 2306608-076

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/17/2023 7:32:25 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/17/2023 7:32:25 AM
Surr: DNOP	88.7	69-147		%Rec	1	6/17/2023 7:32:25 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	220	60		mg/Kg	20	6/19/2023 9:25:56 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 5:49:02 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 5:49:02 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 5:49:02 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 5:49:02 PM
Surr: 1,2-Dichloroethane-d4	117	64.8-147		%Rec	1	6/19/2023 5:49:02 PM
Surr: 4-Bromofluorobenzene	93.5	62.1-144		%Rec	1	6/19/2023 5:49:02 PM
Surr: Dibromofluoromethane	121	73-145		%Rec	1	6/19/2023 5:49:02 PM
Surr: Toluene-d8	97.7	70-130		%Rec	1	6/19/2023 5:49:02 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 5:49:02 PM
Surr: BFB	94.5	70-130		%Rec	1	6/19/2023 5:49:02 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-16 (0'-6')

Project: Compromise SWD

Collection Date: 6/6/2023 2:02:00 PM

Lab ID: 2306608-077

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/17/2023 7:43:11 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/17/2023 7:43:11 AM
Surr: DNOP	109	69-147		%Rec	1	6/17/2023 7:43:11 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	470	60		mg/Kg	20	6/19/2023 9:38:20 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 6:16:48 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 6:16:48 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 6:16:48 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 6:16:48 PM
Surr: 1,2-Dichloroethane-d4	109	64.8-147		%Rec	1	6/19/2023 6:16:48 PM
Surr: 4-Bromofluorobenzene	91.9	62.1-144		%Rec	1	6/19/2023 6:16:48 PM
Surr: Dibromofluoromethane	117	73-145		%Rec	1	6/19/2023 6:16:48 PM
Surr: Toluene-d8	96.1	70-130		%Rec	1	6/19/2023 6:16:48 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 6:16:48 PM
Surr: BFB	90.0	70-130		%Rec	1	6/19/2023 6:16:48 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-17 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 11:52:00 AM

Lab ID: 2306608-078

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/17/2023 8:04:35 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/17/2023 8:04:35 AM
Surr: DNOP	94.7	69-147		%Rec	1	6/17/2023 8:04:35 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	390	59		mg/Kg	20	6/19/2023 9:50:45 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 6:44:34 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 6:44:34 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 6:44:34 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 6:44:34 PM
Surr: 1,2-Dichloroethane-d4	115	64.8-147		%Rec	1	6/19/2023 6:44:34 PM
Surr: 4-Bromofluorobenzene	91.9	62.1-144		%Rec	1	6/19/2023 6:44:34 PM
Surr: Dibromofluoromethane	120	73-145		%Rec	1	6/19/2023 6:44:34 PM
Surr: Toluene-d8	98.1	70-130		%Rec	1	6/19/2023 6:44:34 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 6:44:34 PM
Surr: BFB	94.9	70-130		%Rec	1	6/19/2023 6:44:34 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-18 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 11:54:00 AM

Lab ID: 2306608-079

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/17/2023 8:15:19 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/17/2023 8:15:19 AM
Surr: DNOP	114	69-147		%Rec	1	6/17/2023 8:15:19 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	460	60		mg/Kg	20	6/19/2023 10:03:10 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 7:12:17 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 7:12:17 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 7:12:17 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 7:12:17 PM
Surr: 1,2-Dichloroethane-d4	111	64.8-147		%Rec	1	6/19/2023 7:12:17 PM
Surr: 4-Bromofluorobenzene	94.3	62.1-144		%Rec	1	6/19/2023 7:12:17 PM
Surr: Dibromofluoromethane	118	73-145		%Rec	1	6/19/2023 7:12:17 PM
Surr: Toluene-d8	102	70-130		%Rec	1	6/19/2023 7:12:17 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 7:12:17 PM
Surr: BFB	96.6	70-130		%Rec	1	6/19/2023 7:12:17 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-19 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 11:56:00 AM

Lab ID: 2306608-080

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/20/2023 2:36:42 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/20/2023 2:36:42 PM
Surr: DNOP	87.1	69-147		%Rec	1	6/20/2023 2:36:42 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	120	60		mg/Kg	20	6/19/2023 10:15:35 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 7:39:59 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 7:39:59 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 7:39:59 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 7:39:59 PM
Surr: 1,2-Dichloroethane-d4	112	64.8-147		%Rec	1	6/19/2023 7:39:59 PM
Surr: 4-Bromofluorobenzene	96.5	62.1-144		%Rec	1	6/19/2023 7:39:59 PM
Surr: Dibromofluoromethane	121	73-145		%Rec	1	6/19/2023 7:39:59 PM
Surr: Toluene-d8	97.3	70-130		%Rec	1	6/19/2023 7:39:59 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 7:39:59 PM
Surr: BFB	96.8	70-130		%Rec	1	6/19/2023 7:39:59 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-20 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 11:58:00 AM

Lab ID: 2306608-081

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/17/2023 8:36:43 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/17/2023 8:36:43 AM
Surr: DNOP	99.2	69-147		%Rec	1	6/17/2023 8:36:43 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	180	61		mg/Kg	20	6/19/2023 10:52:48 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 8:07:40 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 8:07:40 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 8:07:40 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 8:07:40 PM
Surr: 1,2-Dichloroethane-d4	106	64.8-147		%Rec	1	6/19/2023 8:07:40 PM
Surr: 4-Bromofluorobenzene	95.9	62.1-144		%Rec	1	6/19/2023 8:07:40 PM
Surr: Dibromofluoromethane	116	73-145		%Rec	1	6/19/2023 8:07:40 PM
Surr: Toluene-d8	97.4	70-130		%Rec	1	6/19/2023 8:07:40 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 8:07:40 PM
Surr: BFB	95.6	70-130		%Rec	1	6/19/2023 8:07:40 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-21 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:00:00 PM

Lab ID: 2306608-082

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	9.6	9.6		mg/Kg	1	6/17/2023 8:47:26 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2023 8:47:26 AM
Surr: DNOP	79.9	69-147		%Rec	1	6/17/2023 8:47:26 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	3300	150		mg/Kg	50	6/20/2023 11:24:54 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 8:35:18 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 8:35:18 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 8:35:18 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 8:35:18 PM
Surr: 1,2-Dichloroethane-d4	114	64.8-147		%Rec	1	6/19/2023 8:35:18 PM
Surr: 4-Bromofluorobenzene	89.5	62.1-144		%Rec	1	6/19/2023 8:35:18 PM
Surr: Dibromofluoromethane	119	73-145		%Rec	1	6/19/2023 8:35:18 PM
Surr: Toluene-d8	96.1	70-130		%Rec	1	6/19/2023 8:35:18 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 8:35:18 PM
Surr: BFB	92.2	70-130		%Rec	1	6/19/2023 8:35:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-22 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:02:00 PM

Lab ID: 2306608-083

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/17/2023 8:58:09 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/17/2023 8:58:09 AM
Surr: DNOP	122	69-147		%Rec	1	6/17/2023 8:58:09 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	280	59		mg/Kg	20	6/19/2023 11:17:37 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 9:02:51 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 9:02:51 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 9:02:51 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 9:02:51 PM
Surr: 1,2-Dichloroethane-d4	113	64.8-147		%Rec	1	6/19/2023 9:02:51 PM
Surr: 4-Bromofluorobenzene	91.4	62.1-144		%Rec	1	6/19/2023 9:02:51 PM
Surr: Dibromofluoromethane	116	73-145		%Rec	1	6/19/2023 9:02:51 PM
Surr: Toluene-d8	96.7	70-130		%Rec	1	6/19/2023 9:02:51 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 9:02:51 PM
Surr: BFB	92.9	70-130		%Rec	1	6/19/2023 9:02:51 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-23 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:04:00 PM

Lab ID: 2306608-084

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	290	8.4		mg/Kg	1	6/19/2023 12:59:13 AM
Motor Oil Range Organics (MRO)	280	42		mg/Kg	1	6/19/2023 12:59:13 AM
Surr: DNOP	79.3	69-147		%Rec	1	6/19/2023 12:59:13 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1700	60		mg/Kg	20	6/19/2023 11:30:02 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 9:30:24 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 9:30:24 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 9:30:24 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 9:30:24 PM
Surr: 1,2-Dichloroethane-d4	107	64.8-147		%Rec	1	6/19/2023 9:30:24 PM
Surr: 4-Bromofluorobenzene	89.9	62.1-144		%Rec	1	6/19/2023 9:30:24 PM
Surr: Dibromofluoromethane	118	73-145		%Rec	1	6/19/2023 9:30:24 PM
Surr: Toluene-d8	96.9	70-130		%Rec	1	6/19/2023 9:30:24 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 9:30:24 PM
Surr: BFB	93.1	70-130		%Rec	1	6/19/2023 9:30:24 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-24 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:06:00 PM

Lab ID: 2306608-085

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/20/2023 3:00:25 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/20/2023 3:00:25 PM
Surr: DNOP	95.0	69-147		%Rec	1	6/20/2023 3:00:25 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	580	60		mg/Kg	20	6/19/2023 11:42:26 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 9:57:54 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 9:57:54 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 9:57:54 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 9:57:54 PM
Surr: 1,2-Dichloroethane-d4	112	64.8-147		%Rec	1	6/19/2023 9:57:54 PM
Surr: 4-Bromofluorobenzene	93.4	62.1-144		%Rec	1	6/19/2023 9:57:54 PM
Surr: Dibromofluoromethane	111	73-145		%Rec	1	6/19/2023 9:57:54 PM
Surr: Toluene-d8	94.8	70-130		%Rec	1	6/19/2023 9:57:54 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 9:57:54 PM
Surr: BFB	93.8	70-130		%Rec	1	6/19/2023 9:57:54 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-25 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:08:00 PM

Lab ID: 2306608-086

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	6700	95		mg/Kg	10	6/17/2023 10:01:13 AM
Motor Oil Range Organics (MRO)	2300	470		mg/Kg	10	6/17/2023 10:01:13 AM
Surr: DNOP	0	69-147	S	%Rec	10	6/17/2023 10:01:13 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1100	59		mg/Kg	20	6/20/2023 12:19:40 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	6/19/2023 10:25:19 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 10:25:19 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 10:25:19 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 10:25:19 PM
Surr: 1,2-Dichloroethane-d4	108	64.8-147		%Rec	1	6/19/2023 10:25:19 PM
Surr: 4-Bromofluorobenzene	206	62.1-144	S	%Rec	1	6/19/2023 10:25:19 PM
Surr: Dibromofluoromethane	111	73-145		%Rec	1	6/19/2023 10:25:19 PM
Surr: Toluene-d8	98.4	70-130		%Rec	1	6/19/2023 10:25:19 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	120	5.0		mg/Kg	1	6/19/2023 10:25:19 PM
Surr: BFB	170	70-130	S	%Rec	1	6/19/2023 10:25:19 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-26 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:10:00 PM

Lab ID: 2306608-087

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	6/19/2023 8:13:28 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	6/19/2023 8:13:28 PM
Surr: DNOP	72.0	69-147		%Rec	1	6/19/2023 8:13:28 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1200	60		mg/Kg	20	6/20/2023 1:21:42 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	6/19/2023 10:52:42 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 10:52:42 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 10:52:42 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 10:52:42 PM
Surr: 1,2-Dichloroethane-d4	118	64.8-147		%Rec	1	6/19/2023 10:52:42 PM
Surr: 4-Bromofluorobenzene	96.7	62.1-144		%Rec	1	6/19/2023 10:52:42 PM
Surr: Dibromofluoromethane	119	73-145		%Rec	1	6/19/2023 10:52:42 PM
Surr: Toluene-d8	97.6	70-130		%Rec	1	6/19/2023 10:52:42 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	6.3		mg/Kg	1	6/19/2023 10:52:42 PM
Surr: BFB	94.9	70-130		%Rec	1	6/19/2023 10:52:42 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-27 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:12:00 PM

Lab ID: 2306608-088

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/18/2023 6:19:53 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/18/2023 6:19:53 PM
Surr: DNOP	74.7	69-147		%Rec	1	6/18/2023 6:19:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 1:02:01 PM
Surr: BFB	104	15-244		%Rec	1	6/19/2023 1:02:01 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 1:02:01 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 1:02:01 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 1:02:01 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/19/2023 1:02:01 PM
Surr: 4-Bromofluorobenzene	88.2	39.1-146		%Rec	1	6/19/2023 1:02:01 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	100	60		mg/Kg	20	6/20/2023 1:34:07 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-28 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:14:00 PM

Lab ID: 2306608-089

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/19/2023 8:37:17 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/19/2023 8:37:17 PM
Surr: DNOP	81.1	69-147		%Rec	1	6/19/2023 8:37:17 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 1:25:59 PM
Surr: BFB	105	15-244		%Rec	1	6/19/2023 1:25:59 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 1:25:59 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 1:25:59 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 1:25:59 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/19/2023 1:25:59 PM
Surr: 4-Bromofluorobenzene	88.4	39.1-146		%Rec	1	6/19/2023 1:25:59 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2100	60		mg/Kg	20	6/20/2023 1:46:32 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-29 (0'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:16:00 PM

Lab ID: 2306608-090

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/19/2023 9:01:01 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/19/2023 9:01:01 PM
Surr: DNOP	86.9	69-147		%Rec	1	6/19/2023 9:01:01 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 1:49:58 PM
Surr: BFB	110	15-244		%Rec	1	6/19/2023 1:49:58 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 1:49:58 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 1:49:58 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 1:49:58 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/19/2023 1:49:58 PM
Surr: 4-Bromofluorobenzene	90.9	39.1-146		%Rec	1	6/19/2023 1:49:58 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1300	59		mg/Kg	20	6/20/2023 1:58:56 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-30 (5'-6')

Project: Compromise SWD

Collection Date: 6/7/2023 12:38:00 PM

Lab ID: 2306608-091

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	160	9.3		mg/Kg	1	6/19/2023 9:24:53 PM
Motor Oil Range Organics (MRO)	130	47		mg/Kg	1	6/19/2023 9:24:53 PM
Surr: DNOP	73.6	69-147		%Rec	1	6/19/2023 9:24:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 2:14:02 PM
Surr: BFB	101	15-244		%Rec	1	6/19/2023 2:14:02 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 2:14:02 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 2:14:02 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 2:14:02 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 2:14:02 PM
Surr: 4-Bromofluorobenzene	84.5	39.1-146		%Rec	1	6/19/2023 2:14:02 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1300	60		mg/Kg	20	6/20/2023 2:11:21 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-31 (8'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:40:00 PM

Lab ID: 2306608-092

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	86	9.9		mg/Kg	1	6/18/2023 7:03:53 PM
Motor Oil Range Organics (MRO)	56	49		mg/Kg	1	6/18/2023 7:03:53 PM
Surr: DNOP	95.0	69-147		%Rec	1	6/18/2023 7:03:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 2:38:04 PM
Surr: BFB	107	15-244		%Rec	1	6/19/2023 2:38:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 2:38:04 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 2:38:04 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 2:38:04 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 2:38:04 PM
Surr: 4-Bromofluorobenzene	85.9	39.1-146		%Rec	1	6/19/2023 2:38:04 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1200	60		mg/Kg	20	6/20/2023 2:23:45 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-32 (6'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:42:00 PM

Lab ID: 2306608-093

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/18/2023 7:36:23 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/18/2023 7:36:23 PM
Surr: DNOP	75.4	69-147		%Rec	1	6/18/2023 7:36:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 3:02:16 PM
Surr: BFB	106	15-244		%Rec	1	6/19/2023 3:02:16 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 3:02:16 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 3:02:16 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 3:02:16 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 3:02:16 PM
Surr: 4-Bromofluorobenzene	87.9	39.1-146		%Rec	1	6/19/2023 3:02:16 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1900	59		mg/Kg	20	6/20/2023 2:36:10 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-33 (6'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:44:00 PM

Lab ID: 2306608-094

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	6/20/2023 3:24:19 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/20/2023 3:24:19 PM
Surr: DNOP	84.9	69-147		%Rec	1	6/20/2023 3:24:19 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 3:26:24 PM
Surr: BFB	107	15-244		%Rec	1	6/19/2023 3:26:24 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 3:26:24 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 3:26:24 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 3:26:24 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 3:26:24 PM
Surr: 4-Bromofluorobenzene	88.7	39.1-146		%Rec	1	6/19/2023 3:26:24 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	990	60		mg/Kg	20	6/20/2023 2:48:35 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-34 (6'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:46:00 PM

Lab ID: 2306608-095

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/18/2023 7:58:15 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/18/2023 7:58:15 PM
Surr: DNOP	78.9	69-147		%Rec	1	6/18/2023 7:58:15 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 3:50:34 PM
Surr: BFB	121	15-244		%Rec	1	6/19/2023 3:50:34 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 3:50:34 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 3:50:34 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 3:50:34 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 3:50:34 PM
Surr: 4-Bromofluorobenzene	99.6	39.1-146		%Rec	1	6/19/2023 3:50:34 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	11000	590		mg/Kg	200	6/20/2023 11:37:19 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-35 (6'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:48:00 PM

Lab ID: 2306608-096

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/18/2023 8:09:11 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/18/2023 8:09:11 PM
Surr: DNOP	71.3	69-147		%Rec	1	6/18/2023 8:09:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 4:14:52 PM
Surr: BFB	108	15-244		%Rec	1	6/19/2023 4:14:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 4:14:52 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 4:14:52 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 4:14:52 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/19/2023 4:14:52 PM
Surr: 4-Bromofluorobenzene	88.9	39.1-146		%Rec	1	6/19/2023 4:14:52 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	5300	300		mg/Kg	100	6/20/2023 11:49:44 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-36 (6'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:50:00 PM

Lab ID: 2306608-097

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/19/2023 10:12:37 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/19/2023 10:12:37 PM
Surr: DNOP	103	69-147		%Rec	1	6/19/2023 10:12:37 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2023 4:39:06 PM
Surr: BFB	112	15-244		%Rec	1	6/19/2023 4:39:06 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 4:39:06 PM
Toluene	ND	0.050		mg/Kg	1	6/19/2023 4:39:06 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/19/2023 4:39:06 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/19/2023 4:39:06 PM
Surr: 4-Bromofluorobenzene	91.0	39.1-146		%Rec	1	6/19/2023 4:39:06 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	2000	60		mg/Kg	20	6/20/2023 8:43:34 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-37 (6'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:52:00 PM

Lab ID: 2306608-098

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/19/2023 10:36:27 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/19/2023 10:36:27 PM
Surr: DNOP	89.4	69-147		%Rec	1	6/19/2023 10:36:27 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 5:27:36 PM
Surr: BFB	110	15-244		%Rec	1	6/19/2023 5:27:36 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 5:27:36 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 5:27:36 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 5:27:36 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 5:27:36 PM
Surr: 4-Bromofluorobenzene	90.3	39.1-146		%Rec	1	6/19/2023 5:27:36 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	850	60		mg/Kg	20	6/20/2023 8:55:59 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-38 (6'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:54:00 PM

Lab ID: 2306608-099

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/19/2023 11:00:19 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/19/2023 11:00:19 PM
Surr: DNOP	91.4	69-147		%Rec	1	6/19/2023 11:00:19 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 5:51:52 PM
Surr: BFB	109	15-244		%Rec	1	6/19/2023 5:51:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 5:51:52 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 5:51:52 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 5:51:52 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/19/2023 5:51:52 PM
Surr: 4-Bromofluorobenzene	90.8	39.1-146		%Rec	1	6/19/2023 5:51:52 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	3400	150		mg/Kg	50	6/20/2023 9:08:24 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-39 (7'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 12:56:00 PM

Lab ID: 2306608-100

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	34	9.8		mg/Kg	1	6/19/2023 11:24:09 PM
Motor Oil Range Organics (MRO)	76	49		mg/Kg	1	6/19/2023 11:24:09 PM
Surr: DNOP	94.5	69-147		%Rec	1	6/19/2023 11:24:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 6:16:07 PM
Surr: BFB	110	15-244		%Rec	1	6/19/2023 6:16:07 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 6:16:07 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 6:16:07 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 6:16:07 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/19/2023 6:16:07 PM
Surr: 4-Bromofluorobenzene	89.0	39.1-146		%Rec	1	6/19/2023 6:16:07 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	1500	60		mg/Kg	20	6/20/2023 9:20:49 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-40 (10'-14')

Project: Compromise SWD

Collection Date: 6/7/2023 12:58:00 PM

Lab ID: 2306608-101

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/20/2023 12:11:52 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/20/2023 12:11:52 AM
Surr: DNOP	102	69-147		%Rec	1	6/20/2023 12:11:52 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 6:40:15 PM
Surr: BFB	112	15-244		%Rec	1	6/19/2023 6:40:15 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 6:40:15 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 6:40:15 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 6:40:15 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/19/2023 6:40:15 PM
Surr: 4-Bromofluorobenzene	92.3	39.1-146		%Rec	1	6/19/2023 6:40:15 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	1500	60		mg/Kg	20	6/20/2023 9:33:14 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-41 (10'-14')

Project: Compromise SWD

Collection Date: 6/7/2023 1:00:00 PM

Lab ID: 2306608-102

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	33	9.2		mg/Kg	1	6/20/2023 12:35:45 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/20/2023 12:35:45 AM
Surr: DNOP	97.0	69-147		%Rec	1	6/20/2023 12:35:45 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/19/2023 7:04:33 PM
Surr: BFB	118	15-244		%Rec	1	6/19/2023 7:04:33 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 7:04:33 PM
Toluene	ND	0.046		mg/Kg	1	6/19/2023 7:04:33 PM
Ethylbenzene	ND	0.046		mg/Kg	1	6/19/2023 7:04:33 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/19/2023 7:04:33 PM
Surr: 4-Bromofluorobenzene	90.3	39.1-146		%Rec	1	6/19/2023 7:04:33 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	1500	59		mg/Kg	20	6/20/2023 9:45:38 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-42 (10'-14')

Project: Compromise SWD

Collection Date: 6/7/2023 1:02:00 PM

Lab ID: 2306608-103

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	27	10		mg/Kg	1	6/20/2023 12:59:37 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/20/2023 12:59:37 AM
Surr: DNOP	91.1	69-147		%Rec	1	6/20/2023 12:59:37 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 7:28:47 PM
Surr: BFB	108	15-244		%Rec	1	6/19/2023 7:28:47 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 7:28:47 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 7:28:47 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 7:28:47 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/19/2023 7:28:47 PM
Surr: 4-Bromofluorobenzene	87.4	39.1-146		%Rec	1	6/19/2023 7:28:47 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	2300	150		mg/Kg	50	6/20/2023 9:58:02 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-43 (10'-14')

Project: Compromise SWD

Collection Date: 6/7/2023 1:04:00 PM

Lab ID: 2306608-104

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/20/2023 1:23:27 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/20/2023 1:23:27 AM
Surr: DNOP	81.5	69-147		%Rec	1	6/20/2023 1:23:27 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/19/2023 7:53:00 PM
Surr: BFB	109	15-244		%Rec	1	6/19/2023 7:53:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	6/19/2023 7:53:00 PM
Toluene	ND	0.049		mg/Kg	1	6/19/2023 7:53:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/19/2023 7:53:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/19/2023 7:53:00 PM
Surr: 4-Bromofluorobenzene	90.2	39.1-146		%Rec	1	6/19/2023 7:53:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	1400	59		mg/Kg	20	6/20/2023 10:10:26 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-44 (0'-10')

Project: Compromise SWD

Collection Date: 6/7/2023 1:06:00 PM

Lab ID: 2306608-105

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/20/2023 1:47:17 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/20/2023 1:47:17 AM
Surr: DNOP	102	69-147		%Rec	1	6/20/2023 1:47:17 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/19/2023 8:17:03 PM
Surr: BFB	107	15-244		%Rec	1	6/19/2023 8:17:03 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/19/2023 8:17:03 PM
Toluene	ND	0.048		mg/Kg	1	6/19/2023 8:17:03 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/19/2023 8:17:03 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/19/2023 8:17:03 PM
Surr: 4-Bromofluorobenzene	88.3	39.1-146		%Rec	1	6/19/2023 8:17:03 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	520	60		mg/Kg	20	6/20/2023 12:26:56 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-45 (8'-10')

Project: Compromise SWD

Collection Date: 6/8/2023 11:20:00 AM

Lab ID: 2306608-106

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/20/2023 2:11:07 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/20/2023 2:11:07 AM
Surr: DNOP	90.1	69-147		%Rec	1	6/20/2023 2:11:07 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 8:41:06 PM
Surr: BFB	109	15-244		%Rec	1	6/19/2023 8:41:06 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 8:41:06 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 8:41:06 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 8:41:06 PM
Xylenes, Total	ND	0.094		mg/Kg	1	6/19/2023 8:41:06 PM
Surr: 4-Bromofluorobenzene	90.5	39.1-146		%Rec	1	6/19/2023 8:41:06 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	1200	60		mg/Kg	20	6/20/2023 12:39:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-46 (8'-10')

Project: Compromise SWD

Collection Date: 6/8/2023 11:40:00 AM

Lab ID: 2306608-107

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	12	9.4		mg/Kg	1	6/20/2023 2:34:59 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/20/2023 2:34:59 AM
Surr: DNOP	91.6	69-147		%Rec	1	6/20/2023 2:34:59 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/19/2023 9:05:06 PM
Surr: BFB	109	15-244		%Rec	1	6/19/2023 9:05:06 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	6/19/2023 9:05:06 PM
Toluene	ND	0.047		mg/Kg	1	6/19/2023 9:05:06 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/19/2023 9:05:06 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/19/2023 9:05:06 PM
Surr: 4-Bromofluorobenzene	90.6	39.1-146		%Rec	1	6/19/2023 9:05:06 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	850	60		mg/Kg	20	6/20/2023 12:51:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order **2306608**

Date Reported: **6/22/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-47 (7'-8')

Project: Compromise SWD

Collection Date: 6/8/2023 12:00:00 PM

Lab ID: 2306608-108

Matrix: SOIL

Received Date: 6/13/2023 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/20/2023 2:58:50 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/20/2023 2:58:50 AM
Surr: DNOP	89.4	69-147		%Rec	1	6/20/2023 2:58:50 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/20/2023 1:02:54 AM
Surr: BFB	100	15-244		%Rec	1	6/20/2023 1:02:54 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/20/2023 1:02:54 AM
Toluene	ND	0.047		mg/Kg	1	6/20/2023 1:02:54 AM
Ethylbenzene	ND	0.047		mg/Kg	1	6/20/2023 1:02:54 AM
Xylenes, Total	ND	0.094		mg/Kg	1	6/20/2023 1:02:54 AM
Surr: 4-Bromofluorobenzene	85.2	39.1-146		%Rec	1	6/20/2023 1:02:54 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	650	60		mg/Kg	20	6/20/2023 1:04:09 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: MB-75661	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75661	RunNo: 97535								
Prep Date: 6/16/2023	Analysis Date: 6/16/2023	SeqNo: 3544534	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75661	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75661	RunNo: 97535								
Prep Date: 6/16/2023	Analysis Date: 6/16/2023	SeqNo: 3544535	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	90	110			

Sample ID: MB-75666	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75666	RunNo: 97535								
Prep Date: 6/16/2023	Analysis Date: 6/16/2023	SeqNo: 3544566	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75666	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75666	RunNo: 97535								
Prep Date: 6/16/2023	Analysis Date: 6/16/2023	SeqNo: 3544567	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	90	110			

Sample ID: MB-75674	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75674	RunNo: 97542								
Prep Date: 6/16/2023	Analysis Date: 6/17/2023	SeqNo: 3545380	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75674	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75674	RunNo: 97542								
Prep Date: 6/16/2023	Analysis Date: 6/17/2023	SeqNo: 3545381	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: MB-75700	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75700	RunNo: 97559								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3546085	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75700	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75700	RunNo: 97559								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3546086	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	90	110			

Sample ID: MB-75693	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75693	RunNo: 97545								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3547028	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75693	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75693	RunNo: 97545								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3547029	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.1	90	110			

Sample ID: MB-75702	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75702	RunNo: 97545								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3547058	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75702	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75702	RunNo: 97545								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3547059	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: MB-75703	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75703	RunNo: 97545								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3547060	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75703	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75703	RunNo: 97545								
Prep Date: 6/19/2023	Analysis Date: 6/19/2023	SeqNo: 3547061	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	90	110			

Sample ID: MB-75715	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75715	RunNo: 97603								
Prep Date: 6/20/2023	Analysis Date: 6/20/2023	SeqNo: 3548909	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75715	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75715	RunNo: 97603								
Prep Date: 6/20/2023	Analysis Date: 6/20/2023	SeqNo: 3548910	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: LCS-75600	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75600	RunNo: 97480								
Prep Date: 6/14/2023	Analysis Date: 6/15/2023	SeqNo: 3542195	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	10	50.00	0	70.5	61.9	130			
Surr: DNOP	4.2		5.000		83.4	69	147			

Sample ID: MB-75600	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75600	RunNo: 97480								
Prep Date: 6/14/2023	Analysis Date: 6/15/2023	SeqNo: 3542197	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.1		10.00		80.6	69	147			

Sample ID: 2306608-107AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-46 (8'-10')	Batch ID: 75657	RunNo: 97551								
Prep Date: 6/16/2023	Analysis Date: 6/20/2023	SeqNo: 3546433	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	10	49.90	12.23	93.3	54.2	135			
Surr: DNOP	4.6		4.990		92.9	69	147			

Sample ID: 2306608-107AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-46 (8'-10')	Batch ID: 75657	RunNo: 97551								
Prep Date: 6/16/2023	Analysis Date: 6/20/2023	SeqNo: 3546434	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	71	9.3	46.38	12.23	126	54.2	135	18.2	29.2	
Surr: DNOP	4.2		4.638		90.2	69	147	0	0	

Sample ID: 2306608-048AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: CS-48 (10')	Batch ID: 75623	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/17/2023	SeqNo: 3546921	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	8.9	44.64	0	86.5	54.2	135			
Surr: DNOP	4.2		4.464		93.1	69	147			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: 2306608-048AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: CS-48 (10')	Batch ID: 75623	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/17/2023	SeqNo: 3546922			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	31	9.1	45.41	0	67.9	54.2	135	22.4	29.2	
Surr: DNOP	3.5		4.541		77.0	69	147	0	0	

Sample ID: 2306608-068AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-7 (0'-7')	Batch ID: 75644	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/17/2023	SeqNo: 3546943			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	28	8.9	44.48	0	63.7	54.2	135			
Surr: DNOP	3.2		4.448		72.7	69	147			

Sample ID: 2306608-068AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-7 (0'-7')	Batch ID: 75644	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/17/2023	SeqNo: 3546944			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	24	9.5	47.35	0	50.5	54.2	135	17.0	29.2	S
Surr: DNOP	2.7		4.735		57.8	69	147	0	0	S

Sample ID: LCS-75609	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75609	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/16/2023	SeqNo: 3546967			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	10	50.00	0	76.8	61.9	130			
Surr: DNOP	5.0		5.000		100	69	147			

Sample ID: LCS-75623	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75623	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/16/2023	SeqNo: 3546969			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	33	10	50.00	0	66.4	61.9	130			
Surr: DNOP	4.9		5.000		97.8	69	147			

Sample ID: LCS-75644	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75644	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/16/2023	SeqNo: 3546970			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: LCS-75644	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75644	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/16/2023	SeqNo: 3546970			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	10	50.00	0	69.0	61.9	130			
Surr: DNOP	4.8		5.000		96.0	69	147			

Sample ID: MB-75609	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75609	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/16/2023	SeqNo: 3546972			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		112	69	147			

Sample ID: MB-75623	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75623	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/16/2023	SeqNo: 3546974			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.9		10.00		99.3	69	147			

Sample ID: MB-75644	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75644	RunNo: 97521								
Prep Date: 6/15/2023	Analysis Date: 6/16/2023	SeqNo: 3546975			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.3	69	147			

Sample ID: LCS-75657	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75657	RunNo: 97539								
Prep Date: 6/16/2023	Analysis Date: 6/18/2023	SeqNo: 3547174			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.8	61.9	130			
Surr: DNOP	4.1		5.000		81.0	69	147			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: LCS-75669	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 75669		RunNo: 97539							
Prep Date: 6/16/2023	Analysis Date: 6/18/2023		SeqNo: 3547175		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	103	61.9	130			
Surr: DNOP	4.5		5.000		90.9	69	147			

Sample ID: MB-75657	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 75657		RunNo: 97539							
Prep Date: 6/16/2023	Analysis Date: 6/18/2023		SeqNo: 3547176		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.3		10.00		83.1	69	147			

Sample ID: MB-75669	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 75669		RunNo: 97539							
Prep Date: 6/16/2023	Analysis Date: 6/18/2023		SeqNo: 3547177		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		89.6	69	147			

Sample ID: 2306608-028AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: CS-28 (6')	Batch ID: 75621		RunNo: 97548							
Prep Date: 6/16/2023	Analysis Date: 6/19/2023		SeqNo: 3547345		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	8.8	44.25	0	90.9	54.2	135			
Surr: DNOP	4.1		4.425		91.9	69	147			

Sample ID: 2306608-028AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: CS-28 (6')	Batch ID: 75621		RunNo: 97548							
Prep Date: 6/16/2023	Analysis Date: 6/19/2023		SeqNo: 3547346		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.9	49.60	0	93.3	54.2	135	14.1	29.2	
Surr: DNOP	5.1		4.960		103	69	147	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: LCS-75621	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75621	RunNo: 97548								
Prep Date: 6/16/2023	Analysis Date: 6/19/2023	SeqNo: 3547375	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.9	61.9	130			
Surr: DNOP	4.6		5.000		92.7	69	147			

Sample ID: MB-75621	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75621	RunNo: 97548								
Prep Date: 6/16/2023	Analysis Date: 6/19/2023	SeqNo: 3547377	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		92.7	69	147			

Sample ID: LCS-75726	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75726	RunNo: 97595								
Prep Date: 6/20/2023	Analysis Date: 6/20/2023	SeqNo: 3548226	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	84.7	61.9	130			
Surr: DNOP	4.2		5.000		84.8	69	147			

Sample ID: MB-75726	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75726	RunNo: 97595								
Prep Date: 6/20/2023	Analysis Date: 6/20/2023	SeqNo: 3548230	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		86.2	69	147			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: ics-75595	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 75595		RunNo: 97534							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544469				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.4	70	130			
Surr: BFB	2000		1000		203	15	244			

Sample ID: mb-75595	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75595		RunNo: 97534							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544471				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	15	244			

Sample ID: ics-75597	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 75597		RunNo: 97537							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544808				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.3	70	130			
Surr: BFB	2100		1000		215	15	244			

Sample ID: mb-75597	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75597		RunNo: 97537							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544809				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	15	244			

Sample ID: 2306608-028AMS	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: CS-28 (6')	Batch ID: 75614		RunNo: 97537							
Prep Date: 6/15/2023	Analysis Date: 6/18/2023		SeqNo: 3544835				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.7	23.58	0	80.6	70	130			
Surr: BFB	2100		943.4		221	15	244			

Sample ID: 2306608-028AMSD	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: CS-28 (6')	Batch ID: 75614		RunNo: 97537							
Prep Date: 6/15/2023	Analysis Date: 6/18/2023		SeqNo: 3544836				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: 2306608-028AMSD	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: CS-28 (6')	Batch ID: 75614	RunNo: 97537								
Prep Date: 6/15/2023	Analysis Date: 6/18/2023	SeqNo: 3544836	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.7	23.61	0	84.6	70	130	4.84	20	
Surr: BFB	2200		944.3		232	15	244	0	0	

Sample ID: ics-75614	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 75614	RunNo: 97537								
Prep Date: 6/15/2023	Analysis Date: 6/18/2023	SeqNo: 3545009	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.7	70	130			
Surr: BFB	2200		1000		217	15	244			

Sample ID: mb-75614	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75614	RunNo: 97537								
Prep Date: 6/15/2023	Analysis Date: 6/18/2023	SeqNo: 3545010	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		109	15	244			

Sample ID: ics-75635	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 75635	RunNo: 97550								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3545635	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	70	130			
Surr: BFB	2100		1000		210	15	244			

Sample ID: mb-75635	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75635	RunNo: 97550								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3545636	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	15	244			

Sample ID: ics-75597	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 75597	RunNo: 97558								
Prep Date: 6/14/2023	Analysis Date: 6/19/2023	SeqNo: 3545956	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: ics-75597	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 75597		RunNo: 97558							
Prep Date: 6/14/2023	Analysis Date: 6/19/2023		SeqNo: 3545956		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.2	70	130			
Surr: BFB	2200		1000		222	15	244			

Sample ID: mb-75597	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75597		RunNo: 97558							
Prep Date: 6/14/2023	Analysis Date: 6/19/2023		SeqNo: 3545957		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		99.9	15	244			

Sample ID: 2306608-008AMS	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: CS-8 (7')	Batch ID: 75597		RunNo: 97558							
Prep Date: 6/14/2023	Analysis Date: 6/19/2023		SeqNo: 3545959		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	24.02	0	92.4	70	130			
Surr: BFB	2100		960.6		220	15	244			

Sample ID: 2306608-008AMSD	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: CS-8 (7')	Batch ID: 75597		RunNo: 97558							
Prep Date: 6/14/2023	Analysis Date: 6/19/2023		SeqNo: 3545960		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.8	24.08	0	95.4	70	130	3.57	20	
Surr: BFB	2200		963.4		225	15	244	0	0	

Sample ID: 2306608-088ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW-27 (0'-6')	Batch ID: 75635		RunNo: 97550							
Prep Date: 6/15/2023	Analysis Date: 6/19/2023		SeqNo: 3546046		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.7	23.70	0	87.6	70	130			
Surr: BFB	2100		947.9		217	15	244			

Sample ID: 2306608-088amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW-27 (0'-6')	Batch ID: 75635		RunNo: 97550							
Prep Date: 6/15/2023	Analysis Date: 6/19/2023		SeqNo: 3546047		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)										
Surr: BFB										

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: 2306608-088amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SW-27 (0'-6')	Batch ID: 75635	RunNo: 97550								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546047	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.8	23.79	0	87.4	70	130	0.243	20	
Surr: BFB	2100		951.5		215	15	244	0	0	

Sample ID: lcs-75662	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 75662	RunNo: 97550								
Prep Date: 6/16/2023	Analysis Date: 6/19/2023	SeqNo: 3546076	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.7	70	130			
Surr: BFB	2000		1000		203	15	244			

Sample ID: mb-75662	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75662	RunNo: 97550								
Prep Date: 6/16/2023	Analysis Date: 6/20/2023	SeqNo: 3546077	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		101	15	244			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: LCS-75595	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75595		RunNo: 97534							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544608				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	1.000	0	80.8	70	130			
Toluene	0.82	0.050	1.000	0	81.6	70	130			
Ethylbenzene	0.81	0.050	1.000	0	80.8	70	130			
Xylenes, Total	2.5	0.10	3.000	0	82.0	70	130			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	39.1	146			

Sample ID: mb-75595	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75595		RunNo: 97534							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544610				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		86.7	39.1	146			

Sample ID: ics-75597	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75597		RunNo: 97537							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544873				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.4	70	130			
Toluene	0.99	0.050	1.000	0	98.7	70	130			
Ethylbenzene	0.97	0.050	1.000	0	97.4	70	130			
Xylenes, Total	2.9	0.10	3.000	0	97.0	70	130			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	39.1	146			

Sample ID: mb-75597	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75597		RunNo: 97537							
Prep Date: 6/14/2023	Analysis Date: 6/18/2023		SeqNo: 3544874				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		92.3	39.1	146			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: 2306608-029AMS	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: CS-29 (6')	Batch ID: 75614	RunNo: 97537								
Prep Date: 6/15/2023	Analysis Date: 6/18/2023	SeqNo: 3544901	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9425	0	92.5	70	130			
Toluene	0.89	0.047	0.9425	0	94.5	70	130			
Ethylbenzene	0.91	0.047	0.9425	0	96.1	70	130			
Xylenes, Total	2.7	0.094	2.828	0	95.7	70	130			
Surr: 4-Bromofluorobenzene	0.97		0.9425		103	39.1	146			

Sample ID: 2306608-029AMSD	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: CS-29 (6')	Batch ID: 75614	RunNo: 97537								
Prep Date: 6/15/2023	Analysis Date: 6/18/2023	SeqNo: 3544902	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.024	0.9443	0	87.0	70	130	5.89	20	
Toluene	0.85	0.047	0.9443	0	89.7	70	130	5.07	20	
Ethylbenzene	0.86	0.047	0.9443	0	91.5	70	130	4.78	20	
Xylenes, Total	2.6	0.094	2.833	0	91.2	70	130	4.62	20	
Surr: 4-Bromofluorobenzene	0.96		0.9443		101	39.1	146	0	0	

Sample ID: ics-75614	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 75614	RunNo: 97537								
Prep Date: 6/15/2023	Analysis Date: 6/18/2023	SeqNo: 3545011	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	70	130			
Toluene	0.95	0.050	1.000	0	95.0	70	130			
Ethylbenzene	0.95	0.050	1.000	0	95.3	70	130			
Xylenes, Total	2.9	0.10	3.000	0	95.0	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	39.1	146			

Sample ID: mb-75614	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 75614	RunNo: 97537								
Prep Date: 6/15/2023	Analysis Date: 6/18/2023	SeqNo: 3545012	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	39.1	146			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: LCS-75635	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 75635	RunNo: 97550								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3545642	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.025	1.000	0	79.4	70	130			
Toluene	0.80	0.050	1.000	0	80.1	70	130			
Ethylbenzene	0.80	0.050	1.000	0	79.5	70	130			
Xylenes, Total	2.4	0.10	3.000	0	80.7	70	130			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.5	39.1	146			

Sample ID: mb-75635	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 75635	RunNo: 97550								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3545643	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		87.6	39.1	146			

Sample ID: ics-75597	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 75597	RunNo: 97558								
Prep Date: 6/14/2023	Analysis Date: 6/19/2023	SeqNo: 3546026	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.1	70	130			
Toluene	0.99	0.050	1.000	0	99.3	70	130			
Ethylbenzene	1.0	0.050	1.000	0	101	70	130			
Xylenes, Total	3.0	0.10	3.000	0	101	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	39.1	146			

Sample ID: mb-75597	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 75597	RunNo: 97558								
Prep Date: 6/14/2023	Analysis Date: 6/19/2023	SeqNo: 3546027	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	39.1	146			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: 2306608-009AMS	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: CS-9 (7')	Batch ID: 75597	RunNo: 97558								
Prep Date: 6/14/2023	Analysis Date: 6/19/2023	SeqNo: 3546030	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9950	0	90.0	70	130			
Toluene	0.91	0.050	0.9950	0	91.7	70	130			
Ethylbenzene	0.92	0.050	0.9950	0	92.3	70	130			
Xylenes, Total	2.8	0.10	2.985	0	92.5	70	130			
Surr: 4-Bromofluorobenzene	0.96		0.9950		97.0	39.1	146			

Sample ID: 2306608-009AMSD	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: CS-9 (7')	Batch ID: 75597	RunNo: 97558								
Prep Date: 6/14/2023	Analysis Date: 6/19/2023	SeqNo: 3546031	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	0.9980	0	90.8	70	130	1.18	20	
Toluene	0.92	0.050	0.9980	0	92.5	70	130	1.22	20	
Ethylbenzene	0.93	0.050	0.9980	0	93.3	70	130	1.33	20	
Xylenes, Total	2.8	0.10	2.994	0	93.9	70	130	1.78	20	
Surr: 4-Bromofluorobenzene	0.97		0.9980		97.4	39.1	146	0	0	

Sample ID: 2306608-089ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: SW-28 (0'-6')	Batch ID: 75635	RunNo: 97550								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546063	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.76	0.023	0.9302	0	81.4	70	130			
Toluene	0.77	0.047	0.9302	0	83.0	70	130			
Ethylbenzene	0.78	0.047	0.9302	0	84.2	70	130			
Xylenes, Total	2.4	0.093	2.791	0	85.3	70	130			
Surr: 4-Bromofluorobenzene	0.83		0.9302		89.2	39.1	146			

Sample ID: 2306608-089amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: SW-28 (0'-6')	Batch ID: 75635	RunNo: 97550								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546064	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.023	0.9337	0	80.0	70	130	1.34	20	
Toluene	0.76	0.047	0.9337	0	81.2	70	130	1.76	20	
Ethylbenzene	0.76	0.047	0.9337	0	81.0	70	130	3.58	20	
Xylenes, Total	2.3	0.093	2.801	0	82.6	70	130	2.83	20	
Surr: 4-Bromofluorobenzene	0.86		0.9337		92.2	39.1	146	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: LCS-75662	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75662		RunNo: 97550							
Prep Date: 6/16/2023	Analysis Date: 6/20/2023		SeqNo: 3546176		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	1.000	0	79.7	70	130			
Toluene	0.80	0.050	1.000	0	79.9	70	130			
Ethylbenzene	0.80	0.050	1.000	0	79.8	70	130			
Xylenes, Total	2.4	0.10	3.000	0	80.5	70	130			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.1	39.1	146			

Sample ID: mb-75662	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75662		RunNo: 97550							
Prep Date: 6/16/2023	Analysis Date: 6/20/2023		SeqNo: 3546177		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		85.3	39.1	146			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: 2306608-049ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: CS-49 (10')	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546499	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9728	0	113	75.8	123			
Toluene	0.92	0.049	0.9728	0	94.5	68.3	130			
Ethylbenzene	0.93	0.049	0.9728	0	95.2	76.6	132			
Xylenes, Total	2.9	0.097	2.918	0	97.9	74.7	132			
Surr: 1,2-Dichloroethane-d4	0.54		0.4864		110	64.8	147			
Surr: 4-Bromofluorobenzene	0.46		0.4864		95.1	62.1	144			
Surr: Dibromofluoromethane	0.62		0.4864		127	73	145			
Surr: Toluene-d8	0.48		0.4864		98.4	70	130			

Sample ID: 2306608-049amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: CS-49 (10')	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546500	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9804	0	109	75.8	123	3.14	20	
Toluene	0.93	0.049	0.9804	0	94.5	68.3	130	0.749	20	
Ethylbenzene	0.96	0.049	0.9804	0	97.9	76.6	132	3.54	20	
Xylenes, Total	2.9	0.098	2.941	0	98.3	74.7	132	1.21	20	
Surr: 1,2-Dichloroethane-d4	0.55		0.4902		113	64.8	147	0	0	
Surr: 4-Bromofluorobenzene	0.48		0.4902		97.8	62.1	144	0	0	
Surr: Dibromofluoromethane	0.61		0.4902		124	73	145	0	0	
Surr: Toluene-d8	0.49		0.4902		101	70	130	0	0	

Sample ID: ics-75618	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546519	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	113	80	120			
Toluene	1.0	0.050	1.000	0	99.6	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.0	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 1,2-Dichloroethane-d4	0.52		0.5000		103	64.8	147			
Surr: 4-Bromofluorobenzene	0.51		0.5000		101	62.1	144			
Surr: Dibromofluoromethane	0.56		0.5000		113	73	145			
Surr: Toluene-d8	0.48		0.5000		96.4	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: mb-75618	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546520	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.52		0.5000		104	64.8	147			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.4	62.1	144			
Surr: Dibromofluoromethane	0.59		0.5000		117	73	145			
Surr: Toluene-d8	0.46		0.5000		92.7	70	130			

Sample ID: 2306608-069ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: SW-8 (7'-10')	Batch ID: 75624	RunNo: 97565								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546709	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	0.9804	0	95.7	75.8	123			
Toluene	0.87	0.049	0.9804	0	88.3	68.3	130			
Ethylbenzene	0.85	0.049	0.9804	0	87.1	76.6	132			
Xylenes, Total	2.7	0.098	2.941	0.01687	90.1	74.7	132			
Surr: 1,2-Dichloroethane-d4	0.53		0.4902		108	64.8	147			
Surr: 4-Bromofluorobenzene	0.50		0.4902		102	62.1	144			
Surr: Dibromofluoromethane	0.55		0.4902		111	73	145			
Surr: Toluene-d8	0.47		0.4902		96.8	70	130			

Sample ID: 2306608-069amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: SW-8 (7'-10')	Batch ID: 75624	RunNo: 97565								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546710	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	0.9862	0	93.7	75.8	123	1.57	20	
Toluene	0.84	0.049	0.9862	0	85.6	68.3	130	2.55	20	
Ethylbenzene	0.85	0.049	0.9862	0	85.8	76.6	132	0.912	20	
Xylenes, Total	2.6	0.099	2.959	0.01687	87.1	74.7	132	2.78	20	
Surr: 1,2-Dichloroethane-d4	0.54		0.4931		109	64.8	147	0	0	
Surr: 4-Bromofluorobenzene	0.52		0.4931		105	62.1	144	0	0	
Surr: Dibromofluoromethane	0.56		0.4931		113	73	145	0	0	
Surr: Toluene-d8	0.49		0.4931		99.3	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: ics-75624	SampType: LCS4		TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BatchQC	Batch ID: 75624		RunNo: 97565							
Prep Date: 6/15/2023	Analysis Date: 6/19/2023		SeqNo: 3546729				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	106	80	120			
Toluene	0.99	0.050	1.000	0	99.1	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.7	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.4	80	120			
Surr: 1,2-Dichloroethane-d4	0.52		0.5000		105	64.8	147			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.1	62.1	144			
Surr: Dibromofluoromethane	0.55		0.5000		110	73	145			
Surr: Toluene-d8	0.49		0.5000		97.0	70	130			

Sample ID: mb-75624	SampType: MBLK		TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: PBS	Batch ID: 75624		RunNo: 97565							
Prep Date: 6/15/2023	Analysis Date: 6/19/2023		SeqNo: 3546730				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.52		0.5000		105	64.8	147			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.3	62.1	144			
Surr: Dibromofluoromethane	0.55		0.5000		110	73	145			
Surr: Toluene-d8	0.48		0.5000		96.1	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: 2306608-068ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: SW-7 (0'-7')	Batch ID: 75624	RunNo: 97565								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546530	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.32	0	87.2	65.9	123			
Surr: BFB	460		486.4		95.4	70	130			

Sample ID: 2306608-068amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: SW-7 (0'-7')	Batch ID: 75624	RunNo: 97565								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546532	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	24.11	0	90.2	65.9	123	2.47	20	
Surr: BFB	480		482.2		98.6	70	130	0	0	

Sample ID: ics-75624	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 75624	RunNo: 97565								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546556	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.0	70	130			
Surr: BFB	480		500.0		96.7	70	130			

Sample ID: mb-75624	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 75624	RunNo: 97565								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546557	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	470		500.0		93.5	70	130			

Sample ID: 2306608-048ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: CS-48 (10')	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546575	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.8	24.06	0	89.2	65.9	123			
Surr: BFB	500		481.2		104	70	130			

Sample ID: 2306608-048amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: CS-48 (10')	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546576	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306608

22-Jun-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: 2306608-048amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: CS-48 (10')	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546576			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	24.18	0	91.1	65.9	123	2.57	20	
Surr: BFB	520		483.6		108	70	130	0	0	

Sample ID: ics-75618	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546596			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.5	70	130			
Surr: BFB	540		500.0		108	70	130			

Sample ID: mb-75618	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 75618	RunNo: 97564								
Prep Date: 6/15/2023	Analysis Date: 6/19/2023	SeqNo: 3546597			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	530		500.0		105	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: NTG Environmental Work Order Number: 2306608 RcptNo: 1

Received By: Cheyenne Cason 6/13/2023 7:40:00 AM
Completed By: Cheyenne Cason 6/13/2023 9:07:42 AM
Reviewed By: JA 6-13-23

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C? Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: JN 6/13/23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: _____ Date: _____
By Whom: _____ Via: [] eMail [] Phone [] Fax [] In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 3 rows of data.

Chain of Custody



Work Order No: _____

Page 1 of 12

Work Order Comments

Program: UST/PS PR Brownfie R Super
 State of Project: _____
 Reporting Level: Level PST/U TR L
 Deliverables: EDD ADaPT Other: _____

Project Manager: **Becky Haskell** Bill to: (if different) **Chase Settle**
 Company Name: **NTG Environmental** Company Name: **EOG**
 Address: **701 Tradewinds Blvd.** Address: _____
 City, State ZIP: **Midland TX, 79701** City, State ZIP: _____
 Phone: **432-766-1918** Email: _____

Project Name:	Compromise SWD		Turn Around		ANALYSIS REQUEST		Preservative Codes	
	Project Number:	237175	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code			
Project Location	Eddy Co, New Mexico		Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm					
PO #:					Grab/Comp	Water	Soil	Time
SAMPLE RECEIPT			Temp Blank:	Yes				
Received Intact:	Yes	No	Wet Ice:	Yes	No			
Cooler Custody Seals:	Yes	No	Thermometer ID:					
Sample Custody Seals:	Yes	No	Correction Factor:					
Total Containers:	Yes	No	Temperature Reading:					
	118		Corrected Temperature:					
Sample Identification	Date	Time	Soil	Water	Grab/Comp			
CS-1 (7)	6/6/2023	11:30	X		Comp	1	X	X
CS-2 (7)	6/6/2023	11:32	X		Comp	1	X	X
CS-3 (7)	6/6/2023	11:34	X		Comp	1	X	X
CS-4 (7)	6/6/2023	11:36	X		Comp	1	X	X
CS-5 (7)	6/6/2023	11:38	X		Comp	1	X	X
CS-6 (7)	6/6/2023	11:40	X		Comp	1	X	X
CS-7 (7)	6/6/2023	11:42	X		Comp	1	X	X
CS-8 (7)	6/6/2023	11:44	X		Comp	1	X	X
CS-9 (7)	6/6/2023	11:46	X		Comp	1	X	X
CS-10 (7)	6/6/2023	11:48	X		Comp	1	X	X

Additional Comments: Temp : 2.3 - 0 = 2.3 3.1-0=3.1 1.9-0 = 1.9 Yag.

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of sample and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Kenny Han</i>	6/13/23 0742			
3		4			
5		6			

Chain of Custody



Work Order No: _____

Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland TX, 79701
 Phone: 432-766-1918

Bill to: (if different)
 Company Name: Chase Settle
 Address: EOG
 City, State ZIP: _____

Turn Around: Routine Rush
 Due Date: _____
 TAT starts the day received by the lab, if received by 4:30pm

Compromise SWD: 237175
 Project Location: Eddy Co, New Mexico
 Sampler's Name: Kenny Han
 PO #: _____

Temp Blank: Yes No
 Yes No
 Thermometer ID: _____
 Correction Factor: _____
 Temperature Reading: _____
 Corrected Temperature: 118

Work Order Comments
 Program: US/PS PR Brownfie R Super
 State of Project: _____
 Reporting Level: Level PST/U TR L L L
 Deliverables: EDD ADaP Other: _____

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-31 (6')	6/6/2023	12:50	X		Comp	1	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SACP
CS-32 (6')	6/6/2023	12:52	X		Comp	1	X	X	
CS-33 (6')	6/6/2023	12:54	X		Comp	1	X	X	
CS-34 (6')	6/6/2023	12:56	X		Comp	1	X	X	
CS-35 (6')	6/6/2023	12:58	X		Comp	1	X	X	
CS-36 (6')	6/6/2023	1:00	X		Comp	1	X	X	
CS-37 (6')	6/6/2023	1:02	X		Comp	1	X	X	
CS-38 (6')	6/6/2023	1:04	X		Comp	1	X	X	
CS-39 (6')	6/6/2023	1:06	X		Comp	1	X	X	
CS-40 (6')	6/6/2023	1:08	X		Comp	1	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Kenny Han</i>	6/13/2023			

Chain of Custody



Work Order No: _____

Page 5 of 12

Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland TX, 79701
 Phone: 432-766-1918 Email: _____

Bill to: (if different)
 Company Name: EOG
 Address: _____
 City, State ZIP: _____

Work Order Comments
 Program: UST/PS PR Brownfie \$ R Supe
 State of Project: _____
 Reporting Level: Level PST/US TR P L B
 Deliverables: EDD ADaPT Other: _____

Project Name: Compromise SWD
 Project Number: 237175
 Project Location: Eddy Co, New Mexico
 Sampler's Name: Kenny Han
 PO #: _____

SAMPLE RECEIPT
 Received Intact: Yes No
 Cooler Custody Seals: Yes No N/A
 Sample Custody Seals: Yes No N/A
 Total Containers: 118

Turn Around: Routine Rush
 Due Date: _____
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Thermometer ID: _____
 Correction Factor: _____
 Temperature Reading: _____
 Corrected Temperature: _____

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							Parameters	Pres. Code	
CS-41 (10')	6/6/2023	12:50	X		Comp	1			None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-42 (10')	6/6/2023	12:52	X		Comp	1			DI Water: H ₂ O
CS-43 (10')	6/6/2023	12:54	X		Comp	1			MeOH: Me HNO ₃ : HN NaOH: Na
CS-44 (10')	6/6/2023	12:56	X		Comp	1			
CS-45 (10')	6/6/2023	12:58	X		Comp	1			
CS-46 (10')	6/6/2023	1:00	X		Comp	1			
CS-47 (10')	6/6/2023	1:02	X		Comp	1			
CS-48 (10')	6/6/2023	1:04	X		Comp	1			
CS-49 (10')	6/6/2023	1:06	X		Comp	1			
CS-50 (10')	6/6/2023	1:08	X		Comp	1			

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	[Signature]	6/13/23 0740 ²			

Chain of Custody



Work Order No: _____

Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland TX, 79701
 Phone: 432-766-1918

Bill to: (if different)
 Company Name: Chase Settle
 Address: EOG
 City, State ZIP: _____
 Email: _____

Work Order Comments
 Program: UST/PS PR Brownfie R Super
 State of Project: _____
 Reporting Level: Level PST/U TR L B
 Deliverables: EDD ADaP Other: _____

ANALYSIS REQUEST										Preservative Codes		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	None: NO	
											DI Water: H ₂ O	MeOH: Me
CS-51 (10')	6/6/2023	1:10	X	X	Comp	1			X			
CS-52 (10')	6/6/2023	1:12	X	X	Comp	1			X			
CS-53 (10')	6/6/2023	1:14	X	X	Comp	1			X			
CS-54 (14')	6/6/2023	1:16	X	X	Comp	1			X			
CS-55 (14')	6/6/2023	1:18	X	X	Comp	1			X			
CS-56 (14')	6/6/2023	1:20	X	X	Comp	1			X			
CS-57 (14')	6/6/2023	1:22	X	X	Comp	1			X			
CS-58 (0'-10')	6/6/2023	1:24	X	X	Comp	1			X			
CS-59 (0'-10')	6/6/2023	1:26	X	X	Comp	1			X			
CS-60 (0'-10')	6/6/2023	1:28	X	X	Comp	1			X			

Additional Comments: _____

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>Kenny Han</i>	6/13/23 0740 ²			
3		4			
5		6			

Chain of Custody



Work Order No: _____

Page 7 of 12

Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland TX, 79701
 Phone: 432-766-1918

Bill to: (if different)
 Company Name: EOG
 Address:
 City, State ZIP:
 Email:

Work Order Comments
 Program: PR Brownfie R Super
 State of Project:
 Reporting Level: Level PST/U TR P L B
 Deliverables: EDD ADA P Other:

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Pre. Code	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: S-APC
							Yes	No	Wet Ice:		
CS-61 (0'-10')	6/6/2023	1:30	X		Comp	1	X	X		X	
SW-1 (0'-7')	6/6/2023	1:32	X		Comp	1	X	X		X	
SW-2 (0'-7')	6/6/2023	1:34	X		Comp	1	X	X		X	
SW-3 (0'-7')	6/6/2023	1:36	X		Comp	1	X	X		X	
SW-4 (0'-7')	6/6/2023	1:38	X		Comp	1	X	X		X	
SW-5 (0'-7')	6/6/2023	1:40	X		Comp	1	X	X		X	
SW-6 (0'-7')	6/6/2023	1:42	X		Comp	1	X	X		X	
SW-7 (0'-7')	6/6/2023	1:44	X		Comp	1	X	X		X	
SW-8 (7'-10')	6/6/2023	1:46	X		Comp	1	X	X		X	
SW-9 (7'-10')	6/6/2023	1:48	X		Comp	1	X	X		X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>Kenny Han</i>	6/13/2023			
3		4			
5		6			

Chain of Custody



Work Order No: _____

Page 8 of 12

Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland TX, 79701
 Phone: 432-766-1918

Bill to: (if different)
 Company Name: Chase Settle
 Address: EOG
 City, State ZIP: _____

Turn Around: Routine Rush
 Due Date: _____
 TAT starts the day received by the lab, if received by 4:30pm

Project Name: Compromise SWD
 Project Number: 237175
 Project Location: Eddy Co, New Mexico
 Sampler's Name: Kenny Han
 PO #: _____

Work Order Comments

Program: US/PS PR Brownfie R Super
 State of Project: _____
 Reporting Level: Level PST/U TR P L B
 Deliverables: EDD ADaP Other: _____

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Analysis Results	Preservative Codes	
										None	NO
SW-10 (0'-7')	6/6/2023	1:50	X		Comp	1				DI Water: H ₂ O	
SW-11 (0'-8')	6/6/2023	1:52	X		Comp	1				Cool: Cool	
SW-12 (0'-8')	6/6/2023	1:54	X		Comp	1				HCL: HC	
SW-13 (0'-8')	6/6/2023	1:56	X		Comp	1				H ₂ SO ₄ : H ₂	
SW-14 (6'-8')	6/6/2023	1:58	X		Comp	1				H ₃ PO ₄ : HP	
SW-15 (6'-8')	6/6/2023	2:00	X		Comp	1				NaHSO ₄ : NABIS	
SW-16 (6'-8')	6/6/2023	2:02	X		Comp	1				Na ₂ S ₂ O ₃ : NaSO ₃	
SW-17 (0'-6')	6/7/2023	11:52	X		Comp	1				Zn Acetate+NaOH: Zn	
SW-18 (0'-6')	6/7/2023	11:54	X		Comp	1				NaOH+Ascorbic Acid: SAPC	
SW-19 (0'-6')	6/7/2023	11:56	X		Comp	1					
BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500											
HOLD											
Sample Comments 2306608 071 072 073 074 075 076 077 078 079 080											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Kenny Han</i>	6/15/2023			
1. Kenny Han					
3					
5					



Chain of Custody

Work Order No: _____

Project Manager: Becky Haskell Bill to: (if different) Chase Settle
 Company Name: NTG Environmental Company Name: EOG
 Address: 701 Tradewinds Blvd. Address:
 City, State ZIP: Midland TX, 79701 City, State ZIP:
 Phone: 432-766-1918 Email: _____

Page 9 of 12
 Work Order Comments
 Program: UST/PS PR Brownfields R Superfund
 State of Project:
 Reporting Level Level PST/U TR P L B
 Deliverables: EDD ADA P Other: _____

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		ANALYSIS REQUEST		Preservative Codes
							Temp Blank:	Wet Ice:	None	NO	
SW-20 (0'-6")	6/7/2023	11:58	X		Comp	1					DI Water: H ₂ O
SW-21 (0'-6")	6/7/2023	12:00	X		Comp	1					Cool: Cool
SW-22 (0'-6")	6/7/2023	12:02	X		Comp	1					HCL: HC
SW-23 (0'-6")	6/7/2023	12:04	X		Comp	1					H ₂ SO ₄ : H ₂
SW-24 (0'-6")	6/7/2023	12:06	X		Comp	1					H ₃ PO ₄ : HP
SW-25 (0'-6")	6/7/2023	12:08	X		Comp	1					NaHSO ₄ : NABIS
SW-26 (0'-6")	6/7/2023	12:10	X		Comp	1					Na ₂ S ₂ O ₃ : NaSO ₃
SW-27 (0'-6")	6/7/2023	12:12	X		Comp	1					Zn Acetate+NaOH: Zn
SW-28 (0'-6")	6/7/2023	12:14	X		Comp	1					NaOH+Ascorbic Acid: SAPC
SW-29 (0'-6")	6/7/2023	12:16	X		Comp	1					

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. <u>Kenny Han</u>	<u>Chase Settle</u>	<u>6/13/23 0740</u>			
3					
5					



Chain of Custody

Work Order No: _____

Page 11 of 12

Project Manager: Becky Haskell Bill to: (if different) Chase Settle
 Company Name: NTG Environmental Company Name: EOG
 Address: 701 Tradewinds Blvd. Address: _____
 City, State ZIP: Midland TX, 79701 City, State ZIP: _____
 Phone: 432-766-1918 Email: _____

Work Order Comments
 Program: UST/PS PR Brownfield R Superfund
 State of Project: _____
 Reporting Level: Level PST/U TR L B
 Deliverables: EDD ADAPT Other: _____

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 4500	
SW-30 (5'-6')	6/7/2023	12:38	X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SW-31 (8'-10')	6/7/2023	12:40	X		Comp	1	X	X	X	2306608
SW-32 (6'-10')	6/7/2023	12:42	X		Comp	1	X	X	X	091
SW-33 (6'-10')	6/7/2023	12:44	X		Comp	1	X	X	X	092
SW-34 (6'-10')	6/7/2023	12:46	X		Comp	1	X	X	X	093
SW-35 (6'-10')	6/7/2023	12:48	X		Comp	1	X	X	X	094
SW-36 (6'-10')	6/7/2023	12:50	X		Comp	1	X	X	X	095
SW-37 (6'-10')	6/7/2023	12:52	X		Comp	1	X	X	X	096
SW-38 (6'-10')	6/7/2023	12:54	X		Comp	1	X	X	X	097
SW-39 (7'-10')	6/7/2023	12:56	X		Comp	1	X	X	X	098
					Comp	1	X	X	X	099
					Comp	1	X	X	X	0100

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<u>SMC Conner</u>	<u>6/13/23 0940</u>			
1. Kenny Han					
3					
5					



Chain of Custody

Work Order No: _____

Project Manager: Becky Haskell Bill to: (if different) Chase Settle
 Company Name: NTG Environmental Company Name: EOG
 Address: 701 Tradewinds Blvd. Address:
 City, State ZIP: Midland TX, 79701 City, State ZIP:
 Phone: 432-766-1918 Email:

Page 12 of 12
 Work Order Comments
 Program: UST/PS PR Brownfields R Superfund
 State of Project:
 Reporting Level: Level PST/UT TR L B
 Deliverables: EDD ADaP Other:

ANALYSIS REQUEST										
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Pres. Code
							TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 4500	
SW-40 (10'-14')	6/7/2023	12:58	X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SW-41 (10'-14')	6/7/2023	1:00	X		Comp	1	X	X	X	
SW-42 (10'-14')	6/7/2023	1:02	X		Comp	1	X	X	X	
SW-43 (10'-14')	6/7/2023	1:04	X		Comp	1	X	X	X	
SW-44 (0'10')	6/7/2023	1:06	X		Comp	1	X	X	X	
SW-45 (8'-10')	6/8/2023	11:20	X		Comp	1	X	X	X	
SW-46 (8'-10')	6/8/2023	11:40	X		Comp	1	X	X	X	
SW-47 (7'-8')	6/8/2023	12:00	X		Comp	1	X	X	X	
HOLD Sample Comments 2366608 2101 102 103 104 105 106 107 108										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<u>One Carr</u>	<u>6/13/23</u>			
1. Kenny Han					
3					
5					



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 24, 2023

Becky Haskell
NTG Environmental
701 Tradewinds Blvd.
Suite c
Midland, TX 79706
TEL: (432) 766-1918
FAX:

RE: Compromise SWD

OrderNo.: 2307454

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 7 sample(s) on 7/12/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2307454**

Date Reported: **7/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-4A(8')

Project: Compromise SWD

Collection Date: 7/10/2023 10:45:00 AM

Lab ID: 2307454-001

Matrix: SOIL

Received Date: 7/12/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/14/2023 7:12:48 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/14/2023 7:12:48 PM
Surr: DNOP	100	69-147		%Rec	1	7/14/2023 7:12:48 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/17/2023 7:17:00 PM
Surr: BFB	82.9	15-244		%Rec	1	7/17/2023 7:17:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/17/2023 7:17:00 PM
Toluene	ND	0.049		mg/Kg	1	7/17/2023 7:17:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/17/2023 7:17:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/17/2023 7:17:00 PM
Surr: 4-Bromofluorobenzene	81.9	39.1-146		%Rec	1	7/17/2023 7:17:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	500	60		mg/Kg	20	7/15/2023 10:32:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307454**

Date Reported: **7/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-8A(7.5')

Project: Compromise SWD

Collection Date: 7/10/2023 10:48:00 AM

Lab ID: 2307454-002

Matrix: SOIL

Received Date: 7/12/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/14/2023 7:36:51 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/14/2023 7:36:51 PM
Surr: DNOP	91.8	69-147		%Rec	1	7/14/2023 7:36:51 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/17/2023 7:39:00 PM
Surr: BFB	88.9	15-244		%Rec	1	7/17/2023 7:39:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	7/17/2023 7:39:00 PM
Toluene	ND	0.049		mg/Kg	1	7/17/2023 7:39:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/17/2023 7:39:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/17/2023 7:39:00 PM
Surr: 4-Bromofluorobenzene	82.8	39.1-146		%Rec	1	7/17/2023 7:39:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	490	60		mg/Kg	20	7/15/2023 10:45:09 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307454**

Date Reported: **7/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-12A(9')

Project: Compromise SWD

Collection Date: 7/10/2023 10:51:00 AM

Lab ID: 2307454-003

Matrix: SOIL

Received Date: 7/12/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/14/2023 8:00:50 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/14/2023 8:00:50 PM
Surr: DNOP	83.6	69-147		%Rec	1	7/14/2023 8:00:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/17/2023 8:01:00 PM
Surr: BFB	87.2	15-244		%Rec	1	7/17/2023 8:01:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/17/2023 8:01:00 PM
Toluene	ND	0.047		mg/Kg	1	7/17/2023 8:01:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/17/2023 8:01:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	7/17/2023 8:01:00 PM
Surr: 4-Bromofluorobenzene	82.8	39.1-146		%Rec	1	7/17/2023 8:01:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	530	60		mg/Kg	20	7/15/2023 10:57:34 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307454**

Date Reported: **7/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-16A(8')

Project: Compromise SWD

Collection Date: 7/10/2023 10:54:00 AM

Lab ID: 2307454-004

Matrix: SOIL

Received Date: 7/12/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/14/2023 8:24:46 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/14/2023 8:24:46 PM
Surr: DNOP	85.5	69-147		%Rec	1	7/14/2023 8:24:46 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/17/2023 8:23:00 PM
Surr: BFB	84.5	15-244		%Rec	1	7/17/2023 8:23:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	7/17/2023 8:23:00 PM
Toluene	ND	0.050		mg/Kg	1	7/17/2023 8:23:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/17/2023 8:23:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/17/2023 8:23:00 PM
Surr: 4-Bromofluorobenzene	82.4	39.1-146		%Rec	1	7/17/2023 8:23:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	200	60		mg/Kg	20	7/15/2023 11:09:58 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307454**

Date Reported: 7/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-21A(8.5')

Project: Compromise SWD

Collection Date: 7/10/2023 10:57:00 AM

Lab ID: 2307454-005

Matrix: SOIL

Received Date: 7/12/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/14/2023 8:48:42 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/14/2023 8:48:42 PM
Surr: DNOP	91.2	69-147		%Rec	1	7/14/2023 8:48:42 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/17/2023 8:45:00 PM
Surr: BFB	80.6	15-244		%Rec	1	7/17/2023 8:45:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/17/2023 8:45:00 PM
Toluene	ND	0.049		mg/Kg	1	7/17/2023 8:45:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/17/2023 8:45:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/17/2023 8:45:00 PM
Surr: 4-Bromofluorobenzene	82.6	39.1-146		%Rec	1	7/17/2023 8:45:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	410	60		mg/Kg	20	7/15/2023 11:22:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307454**

Date Reported: **7/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-24A(9')

Project: Compromise SWD

Collection Date: 7/10/2023 11:00:00 AM

Lab ID: 2307454-006

Matrix: SOIL

Received Date: 7/12/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/14/2023 9:12:37 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/14/2023 9:12:37 PM
Surr: DNOP	92.8	69-147		%Rec	1	7/14/2023 9:12:37 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/17/2023 9:51:00 PM
Surr: BFB	85.7	15-244		%Rec	1	7/17/2023 9:51:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	7/17/2023 9:51:00 PM
Toluene	ND	0.050		mg/Kg	1	7/17/2023 9:51:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/17/2023 9:51:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/17/2023 9:51:00 PM
Surr: 4-Bromofluorobenzene	81.9	39.1-146		%Rec	1	7/17/2023 9:51:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	650	59		mg/Kg	20	7/15/2023 11:34:47 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307454**

Date Reported: **7/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-25A(9')

Project: Compromise SWD

Collection Date: 7/10/2023 11:03:00 AM

Lab ID: 2307454-007

Matrix: SOIL

Received Date: 7/12/2023 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/14/2023 9:36:34 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/14/2023 9:36:34 PM
Surr: DNOP	93.1	69-147		%Rec	1	7/14/2023 9:36:34 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/17/2023 10:13:00 PM
Surr: BFB	83.4	15-244		%Rec	1	7/17/2023 10:13:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/17/2023 10:13:00 PM
Toluene	ND	0.049		mg/Kg	1	7/17/2023 10:13:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/17/2023 10:13:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/17/2023 10:13:00 PM
Surr: 4-Bromofluorobenzene	81.4	39.1-146		%Rec	1	7/17/2023 10:13:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	770	61		mg/Kg	20	7/15/2023 11:47:12 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307454

24-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: MB-76231	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 76231	RunNo: 98247								
Prep Date: 7/15/2023	Analysis Date: 7/15/2023	SeqNo: 3575713	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-76231	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 76231	RunNo: 98247								
Prep Date: 7/15/2023	Analysis Date: 7/15/2023	SeqNo: 3575714	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.0	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

WO#: 2307454

Hall Environmental Analysis Laboratory, Inc.

24-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: MB-76190	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 76190	RunNo: 98223								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574283	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		122	69	147			

Sample ID: LCS-76190	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 76190	RunNo: 98223								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574284	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.4	61.9	130			
Surr: DNOP	5.1		5.000		101	69	147			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307454

24-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: ics-76175	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 76175		RunNo: 98241							
Prep Date: 7/13/2023	Analysis Date: 7/17/2023		SeqNo: 3576157		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.5	70	130			
Surr: BFB	2100		1000		205	15	244			

Sample ID: mb-76175	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 76175		RunNo: 98241							
Prep Date: 7/13/2023	Analysis Date: 7/17/2023		SeqNo: 3576158		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		86.1	15	244			

Sample ID: ics-76209	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576385		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		201	15	244			

Sample ID: mb-76209	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576386		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	790		1000		79.1	15	244			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307454

24-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: ics-76175	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 76175		RunNo: 98241							
Prep Date: 7/13/2023	Analysis Date: 7/17/2023		SeqNo: 3576185		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.7	70	130			
Toluene	0.99	0.050	1.000	0	98.6	70	130			
Ethylbenzene	1.0	0.050	1.000	0	100	70	130			
Xylenes, Total	3.0	0.10	3.000	0	100	70	130			
Surr: 4-Bromofluorobenzene	0.87		1.000		86.9	39.1	146			

Sample ID: mb-76175	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 76175		RunNo: 98241							
Prep Date: 7/13/2023	Analysis Date: 7/17/2023		SeqNo: 3576186		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.83		1.000		82.7	39.1	146			

Sample ID: ics-76209	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576413		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.81		1.000		80.5	39.1	146			

Sample ID: mb-76209	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576414		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.80		1.000		79.5	39.1	146			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: NTG Environmental Work Order Number: 2307454 RcptNo: 1

Received By: Tracy Casarrubias 7/12/2023 8:00:00 AM

Completed By: Tracy Casarrubias 7/12/2023 9:36:57 AM

Reviewed By: jw 7/12/23

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: SCM 07/12/23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 5.4, Good, Yes, Yogi, [], []

Chain of Custody



Work Order No: 2307454

Page 1 of 1

Work Order Comments

Program: PR Brownfie R Super

State of Project: Level PST/U TR L b

Reporting: Level ADaP Other:

Deliverables: EDD

Project Manager: Becky Haskell Bill to: (if different) Chase Settle

Company Name: NTG Environmental Company Name: EOG

Address: 701 Tradewinds Blvd. Address:

City, State ZIP: Midland TX, 79701 City, State ZIP:

Phone: 432-766-1918 Email:

Project Name: Compromise SWD

Project Number: 237175

Project Location: Eddy Co, New Mexico

Sampler's Name: Kenny Han

PO #:

SAMPLE RECEIPT

Received Intact: Yes No Thermometer ID: 4091

Cooler Custody Seals: Yes No Correction Factor: 0

Sample Custody Seals: Yes No Temperature Reading: 5.4

Total Containers: 7 Corrected Temperature: 5.4

Turn Around

Routine Rush

Due Date: 5 Day

TAT starts the day received by the lab, if received by 4:30pm

Parameters

None: NO DI Water: H₂O

Cool: Cool MeOH: Me

HCL: HC HNO₃: HN

H₂SO₄: H₂ NaOH: Na

H₃PO₄: HP

NaHSO₄: NABIS

Na₂S₂O₃: NaSO₃

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes	Sample Comments
							TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
CS-4A (8')	7/10/2023	10:45	X		Comp 1	1	X	X	None: NO	001
CS-8A (7.5')	7/10/2023	10:48	X		Comp 1	1	X	X	Cool: Cool	002
CS-12A (9')	7/10/2023	10:51	X		Comp 1	1	X	X	HCL: HC	003
CS-16A (8')	7/10/2023	10:54	X		Comp 1	1	X	X	H ₂ SO ₄ : H ₂	004
CS-21A (8.5')	7/10/2023	10:57	X		Comp 1	1	X	X	H ₃ PO ₄ : HP	005
CS-24A (9')	7/10/2023	11:00	X		Comp 1	1	X	X	NaHSO ₄ : NABIS	006
CS-25A (9')	7/10/2023	11:03	X		Comp 1	1	X	X	Na ₂ S ₂ O ₃ : NaSO ₃	007
									Zn Acetate+NaOH: Zn	
									NaOH+Ascorbic Acid: SAPC	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>7/11/23 9:15</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>7/12/23 8:00</u>



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 18, 2023

Becky Haskell
NTG Environmental
701 Tradewinds Blvd.
Suite c
Midland, TX 79706
TEL: (432) 766-1918
FAX:

RE: Compromise SWD

OrderNo.: 2307527

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 11 sample(s) on 7/13/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-28A (7.5')

Project: Compromise SWD

Collection Date: 7/11/2023 9:45:00 AM

Lab ID: 2307527-001

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/15/2023 4:00:53 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/15/2023 4:00:53 AM
Surr: DNOP	88.4	69-147		%Rec	1	7/15/2023 4:00:53 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/15/2023 7:58:49 AM
Surr: BFB	94.0	15-244		%Rec	1	7/15/2023 7:58:49 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	7/18/2023 2:08:28 AM
Toluene	ND	0.048		mg/Kg	1	7/18/2023 2:08:28 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2023 2:08:28 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/18/2023 2:08:28 AM
Surr: 4-Bromofluorobenzene	90.6	39.1-146		%Rec	1	7/18/2023 2:08:28 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	470	60		mg/Kg	20	7/17/2023 11:59:10 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-30A (7')

Project: Compromise SWD

Collection Date: 7/11/2023 9:50:00 AM

Lab ID: 2307527-002

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/15/2023 4:11:49 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/15/2023 4:11:49 AM
Surr: DNOP	90.3	69-147		%Rec	1	7/15/2023 4:11:49 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/15/2023 8:22:20 AM
Surr: BFB	90.0	15-244		%Rec	1	7/15/2023 8:22:20 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	7/18/2023 2:31:53 AM
Toluene	ND	0.049		mg/Kg	1	7/18/2023 2:31:53 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2023 2:31:53 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/18/2023 2:31:53 AM
Surr: 4-Bromofluorobenzene	89.9	39.1-146		%Rec	1	7/18/2023 2:31:53 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	340	60		mg/Kg	20	7/18/2023 12:11:30 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-31A (7')

Project: Compromise SWD

Collection Date: 7/11/2023 9:55:00 AM

Lab ID: 2307527-003

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/15/2023 4:22:44 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/15/2023 4:22:44 AM
Surr: DNOP	93.6	69-147		%Rec	1	7/15/2023 4:22:44 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/15/2023 8:45:54 AM
Surr: BFB	91.2	15-244		%Rec	1	7/15/2023 8:45:54 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	7/18/2023 2:55:36 AM
Toluene	ND	0.048		mg/Kg	1	7/18/2023 2:55:36 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2023 2:55:36 AM
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2023 2:55:36 AM
Surr: 4-Bromofluorobenzene	91.2	39.1-146		%Rec	1	7/18/2023 2:55:36 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	240	60		mg/Kg	20	7/18/2023 12:23:51 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- | | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-34A (8')

Project: Compromise SWD

Collection Date: 7/11/2023 10:00:00 AM

Lab ID: 2307527-004

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/15/2023 4:33:38 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/15/2023 4:33:38 AM
Surr: DNOP	89.2	69-147		%Rec	1	7/15/2023 4:33:38 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/15/2023 9:09:24 AM
Surr: BFB	91.9	15-244		%Rec	1	7/15/2023 9:09:24 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	7/18/2023 3:18:58 AM
Toluene	ND	0.048		mg/Kg	1	7/18/2023 3:18:58 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2023 3:18:58 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/18/2023 3:18:58 AM
Surr: 4-Bromofluorobenzene	93.0	39.1-146		%Rec	1	7/18/2023 3:18:58 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	600	60		mg/Kg	20	7/18/2023 12:36:12 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- | | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-36A (8')

Project: Compromise SWD

Collection Date: 7/11/2023 10:05:00 AM

Lab ID: 2307527-005

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/15/2023 4:44:30 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/15/2023 4:44:30 AM
Surr: DNOP	90.5	69-147		%Rec	1	7/15/2023 4:44:30 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/15/2023 9:32:52 AM
Surr: BFB	92.6	15-244		%Rec	1	7/15/2023 9:32:52 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	7/18/2023 3:42:28 AM
Toluene	ND	0.047		mg/Kg	1	7/18/2023 3:42:28 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/18/2023 3:42:28 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/18/2023 3:42:28 AM
Surr: 4-Bromofluorobenzene	91.1	39.1-146		%Rec	1	7/18/2023 3:42:28 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	400	60		mg/Kg	20	7/18/2023 12:48:32 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-37A (8')

Project: Compromise SWD

Collection Date: 7/11/2023 10:25:00 AM

Lab ID: 2307527-006

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/15/2023 3:11:53 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/15/2023 3:11:53 AM
Surr: DNOP	90.2	69-147		%Rec	1	7/15/2023 3:11:53 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	250	60		mg/Kg	20	7/18/2023 1:00:53 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	7/14/2023 11:39:36 AM
Toluene	ND	0.047		mg/Kg	1	7/14/2023 11:39:36 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/14/2023 11:39:36 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/14/2023 11:39:36 AM
Surr: 1,2-Dichloroethane-d4	104	64.8-147		%Rec	1	7/14/2023 11:39:36 AM
Surr: 4-Bromofluorobenzene	97.4	62.1-144		%Rec	1	7/14/2023 11:39:36 AM
Surr: Dibromofluoromethane	112	73-145		%Rec	1	7/14/2023 11:39:36 AM
Surr: Toluene-d8	96.9	70-130		%Rec	1	7/14/2023 11:39:36 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/14/2023 11:39:36 AM
Surr: BFB	108	70-130		%Rec	1	7/14/2023 11:39:36 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-38A (7')

Project: Compromise SWD

Collection Date: 7/11/2023 10:30:00 AM

Lab ID: 2307527-007

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/15/2023 3:35:45 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/15/2023 3:35:45 AM
Surr: DNOP	92.2	69-147		%Rec	1	7/15/2023 3:35:45 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	480	60		mg/Kg	20	7/18/2023 1:13:14 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.025		mg/Kg	1	7/14/2023 1:10:26 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2023 1:10:26 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2023 1:10:26 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2023 1:10:26 PM
Surr: 1,2-Dichloroethane-d4	107	64.8-147		%Rec	1	7/14/2023 1:10:26 PM
Surr: 4-Bromofluorobenzene	101	62.1-144		%Rec	1	7/14/2023 1:10:26 PM
Surr: Dibromofluoromethane	115	73-145		%Rec	1	7/14/2023 1:10:26 PM
Surr: Toluene-d8	92.6	70-130		%Rec	1	7/14/2023 1:10:26 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2023 1:10:26 PM
Surr: BFB	107	70-130		%Rec	1	7/14/2023 1:10:26 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-39A (7')

Project: Compromise SWD

Collection Date: 7/11/2023 10:35:00 AM

Lab ID: 2307527-008

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/15/2023 3:59:39 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/15/2023 3:59:39 AM
Surr: DNOP	80.6	69-147		%Rec	1	7/15/2023 3:59:39 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	190	60		mg/Kg	20	7/18/2023 1:25:34 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	7/14/2023 2:41:55 PM
Toluene	ND	0.049		mg/Kg	1	7/14/2023 2:41:55 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2023 2:41:55 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/14/2023 2:41:55 PM
Surr: 1,2-Dichloroethane-d4	109	64.8-147		%Rec	1	7/14/2023 2:41:55 PM
Surr: 4-Bromofluorobenzene	102	62.1-144		%Rec	1	7/14/2023 2:41:55 PM
Surr: Dibromofluoromethane	119	73-145		%Rec	1	7/14/2023 2:41:55 PM
Surr: Toluene-d8	96.8	70-130		%Rec	1	7/14/2023 2:41:55 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2023 2:41:55 PM
Surr: BFB	107	70-130		%Rec	1	7/14/2023 2:41:55 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-40A (7')

Project: Compromise SWD

Collection Date: 7/11/2023 10:45:00 AM

Lab ID: 2307527-009

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/15/2023 4:23:30 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/15/2023 4:23:30 AM
Surr: DNOP	162	69-147	S	%Rec	1	7/15/2023 4:23:30 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	470	60		mg/Kg	20	7/18/2023 1:37:55 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	7/14/2023 3:12:36 PM
Toluene	ND	0.048		mg/Kg	1	7/14/2023 3:12:36 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/14/2023 3:12:36 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/14/2023 3:12:36 PM
Surr: 1,2-Dichloroethane-d4	111	64.8-147		%Rec	1	7/14/2023 3:12:36 PM
Surr: 4-Bromofluorobenzene	95.0	62.1-144		%Rec	1	7/14/2023 3:12:36 PM
Surr: Dibromofluoromethane	122	73-145		%Rec	1	7/14/2023 3:12:36 PM
Surr: Toluene-d8	96.1	70-130		%Rec	1	7/14/2023 3:12:36 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/14/2023 3:12:36 PM
Surr: BFB	103	70-130		%Rec	1	7/14/2023 3:12:36 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-41A (12')

Project: Compromise SWD

Collection Date: 7/11/2023 11:00:00 AM

Lab ID: 2307527-010

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	7/15/2023 4:47:20 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/15/2023 4:47:20 AM
Surr: DNOP	166	69-147	S	%Rec	1	7/15/2023 4:47:20 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	540	60		mg/Kg	20	7/18/2023 1:50:15 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.023		mg/Kg	1	7/14/2023 3:43:20 PM
Toluene	ND	0.046		mg/Kg	1	7/14/2023 3:43:20 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/14/2023 3:43:20 PM
Xylenes, Total	ND	0.092		mg/Kg	1	7/14/2023 3:43:20 PM
Surr: 1,2-Dichloroethane-d4	106	64.8-147		%Rec	1	7/14/2023 3:43:20 PM
Surr: 4-Bromofluorobenzene	94.3	62.1-144		%Rec	1	7/14/2023 3:43:20 PM
Surr: Dibromofluoromethane	122	73-145		%Rec	1	7/14/2023 3:43:20 PM
Surr: Toluene-d8	95.3	70-130		%Rec	1	7/14/2023 3:43:20 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/14/2023 3:43:20 PM
Surr: BFB	102	70-130		%Rec	1	7/14/2023 3:43:20 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307527**

Date Reported: **7/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: CS-50A (12')

Project: Compromise SWD

Collection Date: 7/11/2023 11:15:00 AM

Lab ID: 2307527-011

Matrix: SOIL

Received Date: 7/13/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/15/2023 5:11:10 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/15/2023 5:11:10 AM
Surr: DNOP	163	69-147	S	%Rec	1	7/15/2023 5:11:10 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	350	60		mg/Kg	20	7/18/2023 2:27:16 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JR
Benzene	ND	0.024		mg/Kg	1	7/14/2023 4:14:05 PM
Toluene	ND	0.048		mg/Kg	1	7/14/2023 4:14:05 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/14/2023 4:14:05 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/14/2023 4:14:05 PM
Surr: 1,2-Dichloroethane-d4	112	64.8-147		%Rec	1	7/14/2023 4:14:05 PM
Surr: 4-Bromofluorobenzene	95.9	62.1-144		%Rec	1	7/14/2023 4:14:05 PM
Surr: Dibromofluoromethane	118	73-145		%Rec	1	7/14/2023 4:14:05 PM
Surr: Toluene-d8	96.6	70-130		%Rec	1	7/14/2023 4:14:05 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JR
Gasoline Range Organics (GRO)	13	4.8		mg/Kg	1	7/14/2023 4:14:05 PM
Surr: BFB	106	70-130		%Rec	1	7/14/2023 4:14:05 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307527

18-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: MB-76271	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 76271	RunNo: 98270								
Prep Date: 7/17/2023	Analysis Date: 7/17/2023	SeqNo: 3576623	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-76271	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 76271	RunNo: 98270								
Prep Date: 7/17/2023	Analysis Date: 7/17/2023	SeqNo: 3576624	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307527

18-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: MB-76196	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 76196	RunNo: 98223								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574287			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.2		10.00		92.0	69	147			

Sample ID: LCS-76196	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 76196	RunNo: 98223								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574288			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	61.9	130			
Surr: DNOP	5.2		5.000		105	69	147			

Sample ID: LCS-76192	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 76192	RunNo: 98217								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574431			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	10	50.00	0	77.9	61.9	130			
Surr: DNOP	4.1		5.000		82.1	69	147			

Sample ID: MB-76192	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 76192	RunNo: 98217								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574434			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.3	69	147			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307527

18-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: ics-76185	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 76185		RunNo: 98209							
Prep Date: 7/13/2023	Analysis Date: 7/14/2023		SeqNo: 3575130		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.6	70	130			
Surr: BFB	2000		1000		200	15	244			

Sample ID: mb-76185	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 76185		RunNo: 98209							
Prep Date: 7/13/2023	Analysis Date: 7/14/2023		SeqNo: 3575131		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	940		1000		93.8	15	244			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307527

18-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: ics-76185	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 76185		RunNo: 98266							
Prep Date: 7/13/2023	Analysis Date: 7/17/2023		SeqNo: 3576431		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.2	70	130			
Toluene	0.91	0.050	1.000	0	90.7	70	130			
Ethylbenzene	0.92	0.050	1.000	0	92.1	70	130			
Xylenes, Total	2.8	0.10	3.000	0	93.2	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	39.1	146			

Sample ID: mb-76185	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 76185		RunNo: 98266							
Prep Date: 7/13/2023	Analysis Date: 7/17/2023		SeqNo: 3576432		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	39.1	146			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307527

18-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: 2307527-007ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: CS-38A (7')	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574457	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9940	0	106	75.8	123			
Toluene	0.93	0.050	0.9940	0	93.1	68.3	130			
Ethylbenzene	0.95	0.050	0.9940	0	95.6	76.6	132			
Xylenes, Total	2.9	0.099	2.982	0	97.8	74.7	132			
Surr: 1,2-Dichloroethane-d4	0.57		0.4970		114	64.8	147			
Surr: 4-Bromofluorobenzene	0.50		0.4970		99.7	62.1	144			
Surr: Dibromofluoromethane	0.59		0.4970		119	73	145			
Surr: Toluene-d8	0.46		0.4970		93.0	70	130			

Sample ID: 2307527-007amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: CS-38A (7')	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574458	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9930	0	110	75.8	123	3.46	20	
Toluene	0.93	0.050	0.9930	0	94.1	68.3	130	0.962	20	
Ethylbenzene	0.97	0.050	0.9930	0	97.8	76.6	132	2.11	20	
Xylenes, Total	2.9	0.099	2.979	0	98.7	74.7	132	0.837	20	
Surr: 1,2-Dichloroethane-d4	0.53		0.4965		106	64.8	147	0	0	
Surr: 4-Bromofluorobenzene	0.48		0.4965		97.0	62.1	144	0	0	
Surr: Dibromofluoromethane	0.58		0.4965		118	73	145	0	0	
Surr: Toluene-d8	0.47		0.4965		94.4	70	130	0	0	

Sample ID: Ics-76189	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574474	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.3	80	120			
Toluene	0.82	0.050	1.000	0	82.5	80	120			
Ethylbenzene	0.84	0.050	1.000	0	83.6	80	120			
Xylenes, Total	2.6	0.10	3.000	0	85.5	80	120			
Surr: 1,2-Dichloroethane-d4	0.53		0.5000		106	64.8	147			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.5	62.1	144			
Surr: Dibromofluoromethane	0.62		0.5000		123	73	145			
Surr: Toluene-d8	0.51		0.5000		102	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307527

18-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: mb-76189	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574475			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.53		0.5000		105	64.8	147			
Surr: 4-Bromofluorobenzene	0.50		0.5000		101	62.1	144			
Surr: Dibromofluoromethane	0.55		0.5000		110	73	145			
Surr: Toluene-d8	0.47		0.5000		94.0	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307527

18-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: 2307527-006ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: CS-37A (8')	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574487	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	23.76	3.198	96.6	65.9	123			
Surr: BFB	500		475.3		105	70	130			

Sample ID: 2307527-006amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: CS-37A (8')	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574488	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.7	23.58	3.198	89.7	65.9	123	7.13	20	
Surr: BFB	510		471.7		107	70	130	0	0	

Sample ID: lcs-76189	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574507	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.5	70	130			
Surr: BFB	530		500.0		105	70	130			

Sample ID: mb-76189	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 76189	RunNo: 98224								
Prep Date: 7/13/2023	Analysis Date: 7/14/2023	SeqNo: 3574508	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	540		500.0		108	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: NTG Environmental Work Order Number: 2307527 RcptNo: 1

Received By: Juan Rojas 7/13/2023 7:30:00 AM *Juan Rojas*
Completed By: Cheyenne Cason 7/13/2023 8:03:33 AM *Cason*
Reviewed By: *JR* 7-13-23

Chain of Custody

- 1. Is Chain of Custody complete? Yes No Not Present
- 2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes No NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 5. Sample(s) in proper container(s)? Yes No
- 6. Sufficient sample volume for indicated test(s)? Yes No
- 7. Are samples (except VOA and ONG) properly preserved? Yes No
- 8. Was preservative added to bottles? Yes No NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
- 10. Were any sample containers received broken? Yes No
- 11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 12. Are matrices correctly identified on Chain of Custody? Yes No
- 13. Is it clear what analyses were requested? Yes No
- 14. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *JR 7/13/23*

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
By Whom: _____ Via: eMail Phone Fax In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.7	Good	Not Present	Morty		



Work Order No: _____

Page 1 of 2

Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland TX, 79701
 Phone: 432-766-1918

Bill to: (if different)
 Company Name: EOG
 Address:
 City, State ZIP:

Turn Around
 Routine Rush
 Due Date: 5/20/24
 TAT starts the day received by the lab, if received by 4:30pm

Compromise SWD: 237175
 Project Location: Eddy Co, New Mexico
 Sampler's Name: Kenny Han

Work Order Comments
 Program: UST/PS PR Brownfie R Super
 State of Project:
 Reporting Level: Level PST/U TR L B
 Deliverables: EDD ADAPT Other:

Project Name:	Compromise SWD	Turn Around	Pres. Code	ANALYSIS REQUEST				Preservative Codes		
				Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:			
CS-28A (7.5')	237175	<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Yes	No	Wet Ice:	None: NO	DI Water: H ₂ O		
CS-30A (7')		Due Date: 5/20/24		Yes	No	Thermometer ID:	Cool: Cool	MeOH: Me		
CS-31A (7')		TAT starts the day received by the lab, if received by 4:30pm		Yes	No	Correction Factor:	HCL: HC	HNO ₃ : HN		
CS-34A (8')				Yes	No	Temperature Reading:	H ₂ SO ₄ : H ₂	NaOH: Na		
CS-36A (8')				Yes	No	Corrected Temperature:	H ₃ PO ₄ : HP			
CS-37A (8')				Yes	No		NaHSO ₄ : NABIS			
CS-38A (7')				Yes	No		Na ₂ S ₂ O ₃ : NaSO ₃			
CS-39A (7')				Yes	No		Zn Acetate+NaOH: Zn			
CS-40A (7')				Yes	No		NaOH+Ascorbic Acid: SACP			
CS-41A (12')				Yes	No					
Sample Identification				Date	Time	Soil	Water	Grab/comp	# of Cont	
CS-28A (7.5')				7/11/2023	9:45	X		Comp	1	
CS-30A (7')				7/11/2023	9:50	X		Comp	1	
CS-31A (7')				7/11/2023	9:55	X		Comp	1	
CS-34A (8')				7/11/2023	10:00	X		Comp	1	
CS-36A (8')				7/11/2023	10:05	X		Comp	1	
CS-37A (8')				7/11/2023	10:25	X		Comp	1	
CS-38A (7')				7/11/2023	10:30	X		Comp	1	
CS-39A (7')				7/11/2023	10:35	X		Comp	1	
CS-40A (7')				7/11/2023	10:45	X		Comp	1	
CS-41A (12')				7/11/2023	11:00	X		Comp	1	
Sample Comments				BTEX 8021B		TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD		
Sample Comments				23075217						

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>[Signature]</i>	7/12/23 9:40	2. <i>[Signature]</i>		
3	<i>[Signature]</i>	7/13/23 7:30	4		
5			6		

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Released to Imaging: 1/16/2024 10:52:30 AM

Temp - 7.8-10.1-13.7

Revised Date 05/12/2020 Rev. 2020.1



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 21, 2023

Becky Haskell
NTG Environmental
701 Tradewinds Blvd.
Suite c
Midland, TX 79706
TEL: (432) 766-1918
FAX:

RE: Compromise SWD

OrderNo.: 2307632

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 6 sample(s) on 7/14/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2307632**

Date Reported: **7/21/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-2A (0-7')

Project: Compromise SWD

Collection Date: 7/12/2023 10:55:00 AM

Lab ID: 2307632-001

Matrix: SOIL

Received Date: 7/14/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/17/2023 12:37:20 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/17/2023 12:37:20 PM
Surr: DNOP	83.4	69-147		%Rec	1	7/17/2023 12:37:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2023 2:33:00 AM
Surr: BFB	79.0	15-244		%Rec	1	7/18/2023 2:33:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	7/18/2023 2:33:00 AM
Toluene	ND	0.049		mg/Kg	1	7/18/2023 2:33:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2023 2:33:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/18/2023 2:33:00 AM
Surr: 4-Bromofluorobenzene	80.0	39.1-146		%Rec	1	7/18/2023 2:33:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	4700	300		mg/Kg	100	7/19/2023 2:24:36 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307632**

Date Reported: **7/21/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-3A (0-7')

Project: Compromise SWD

Collection Date: 7/12/2023 11:00:00 AM

Lab ID: 2307632-002

Matrix: SOIL

Received Date: 7/14/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/17/2023 1:01:15 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/17/2023 1:01:15 PM
Surr: DNOP	84.9	69-147		%Rec	1	7/17/2023 1:01:15 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/18/2023 3:38:00 AM
Surr: BFB	79.7	15-244		%Rec	1	7/18/2023 3:38:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	7/18/2023 3:38:00 AM
Toluene	ND	0.050		mg/Kg	1	7/18/2023 3:38:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/18/2023 3:38:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/18/2023 3:38:00 AM
Surr: 4-Bromofluorobenzene	79.9	39.1-146		%Rec	1	7/18/2023 3:38:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	140	60		mg/Kg	20	7/19/2023 8:34:59 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307632**

Date Reported: **7/21/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-6A (0-7')

Project: Compromise SWD

Collection Date: 7/12/2023 11:05:00 AM

Lab ID: 2307632-003

Matrix: SOIL

Received Date: 7/14/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/17/2023 1:25:07 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/17/2023 1:25:07 PM
Surr: DNOP	87.8	69-147		%Rec	1	7/17/2023 1:25:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2023 4:44:00 AM
Surr: BFB	79.3	15-244		%Rec	1	7/18/2023 4:44:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/18/2023 4:44:00 AM
Toluene	ND	0.048		mg/Kg	1	7/18/2023 4:44:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2023 4:44:00 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/18/2023 4:44:00 AM
Surr: 4-Bromofluorobenzene	80.1	39.1-146		%Rec	1	7/18/2023 4:44:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	ND	60		mg/Kg	20	7/19/2023 8:47:19 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- | | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2307632**

Date Reported: **7/21/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-12A (0-8')

Project: Compromise SWD

Collection Date: 7/12/2023 11:10:00 AM

Lab ID: 2307632-004

Matrix: SOIL

Received Date: 7/14/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/17/2023 1:49:04 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/17/2023 1:49:04 PM
Surr: DNOP	87.7	69-147		%Rec	1	7/17/2023 1:49:04 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/18/2023 5:05:00 AM
Surr: BFB	79.2	15-244		%Rec	1	7/18/2023 5:05:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	7/18/2023 5:05:00 AM
Toluene	ND	0.050		mg/Kg	1	7/18/2023 5:05:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/18/2023 5:05:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/18/2023 5:05:00 AM
Surr: 4-Bromofluorobenzene	78.4	39.1-146		%Rec	1	7/18/2023 5:05:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	250	60		mg/Kg	20	7/19/2023 8:59:40 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- | | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order **2307632**

Date Reported: **7/21/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-48 (0-8)

Project: Compromise SWD

Collection Date: 7/12/2023 1:15:00 AM

Lab ID: 2307632-005

Matrix: SOIL

Received Date: 7/14/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/17/2023 2:13:12 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/17/2023 2:13:12 PM
Surr: DNOP	88.2	69-147		%Rec	1	7/17/2023 2:13:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2023 5:27:00 AM
Surr: BFB	82.4	15-244		%Rec	1	7/18/2023 5:27:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	7/18/2023 5:27:00 AM
Toluene	ND	0.049		mg/Kg	1	7/18/2023 5:27:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2023 5:27:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/18/2023 5:27:00 AM
Surr: 4-Bromofluorobenzene	79.3	39.1-146		%Rec	1	7/18/2023 5:27:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	67	60		mg/Kg	20	7/19/2023 9:12:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

Analytical Report

Lab Order **2307632**

Date Reported: **7/21/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SW-49 (0-8')

Project: Compromise SWD

Collection Date: 7/12/2023 11:20:00 AM

Lab ID: 2307632-006

Matrix: SOIL

Received Date: 7/14/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/17/2023 2:37:21 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/17/2023 2:37:21 PM
Surr: DNOP	89.9	69-147		%Rec	1	7/17/2023 2:37:21 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2023 5:49:00 AM
Surr: BFB	79.1	15-244		%Rec	1	7/18/2023 5:49:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	7/18/2023 5:49:00 AM
Toluene	ND	0.049		mg/Kg	1	7/18/2023 5:49:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2023 5:49:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/18/2023 5:49:00 AM
Surr: 4-Bromofluorobenzene	78.6	39.1-146		%Rec	1	7/18/2023 5:49:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	170	60		mg/Kg	20	7/19/2023 9:49:02 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of standard limits. If undiluted results may be estimated.	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307632

21-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: MB-76323	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 76323	RunNo: 98361								
Prep Date: 7/19/2023	Analysis Date: 7/19/2023	SeqNo: 3580245	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-76323	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 76323	RunNo: 98361								
Prep Date: 7/19/2023	Analysis Date: 7/19/2023	SeqNo: 3580246	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307632

21-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: MB-76217	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 76217	RunNo: 98269								
Prep Date: 7/14/2023	Analysis Date: 7/17/2023	SeqNo: 3576667	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.8	69	147			

Sample ID: LCS-76217	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 76217	RunNo: 98269								
Prep Date: 7/14/2023	Analysis Date: 7/17/2023	SeqNo: 3576668	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.0	61.9	130			
Surr: DNOP	4.4		5.000		87.9	69	147			

Sample ID: 2307632-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-2A (0-7')	Batch ID: 76217	RunNo: 98269								
Prep Date: 7/14/2023	Analysis Date: 7/17/2023	SeqNo: 3576703	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	9.5	47.26	0	80.7	54.2	135			
Surr: DNOP	3.7		4.726		79.3	69	147			

Sample ID: 2307632-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-2A (0-7')	Batch ID: 76217	RunNo: 98269								
Prep Date: 7/14/2023	Analysis Date: 7/17/2023	SeqNo: 3576705	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.7	48.64	0	88.9	54.2	135	12.5	29.2	
Surr: DNOP	4.4		4.864		89.5	69	147	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

WO#: 2307632

Hall Environmental Analysis Laboratory, Inc.

21-Jul-23

Client: NTG Environmental

Project: Compromise SWD

Sample ID: ics-76209	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576385		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.6	70	130			
Surr: BFB	2000		1000		201	15	244			

Sample ID: mb-76209	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576386		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	790		1000		79.1	15	244			

Sample ID: 2307632-001ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW-2A (0-7')	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576388		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.70	0	84.1	70	130			
Surr: BFB	1800		988.1		186	15	244			

Sample ID: 2307632-001amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW-2A (0-7')	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576389		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	24.80	0	80.1	70	130	4.48	20	
Surr: BFB	1800		992.1		179	15	244	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2307632

21-Jul-23

Client: NTG Environmental
Project: Compromise SWD

Sample ID: ics-76209	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576413		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.7	70	130			
Toluene	0.90	0.050	1.000	0	89.5	70	130			
Ethylbenzene	0.90	0.050	1.000	0	90.4	70	130			
Xylenes, Total	2.7	0.10	3.000	0	90.2	70	130			
Surr: 4-Bromofluorobenzene	0.81		1.000		80.5	39.1	146			

Sample ID: mb-76209	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576414		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.80		1.000		79.5	39.1	146			

Sample ID: 2307632-002ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW-3A (0-7')	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576417		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	0.9960	0	84.3	70	130			
Toluene	0.87	0.050	0.9960	0	87.0	70	130			
Ethylbenzene	0.88	0.050	0.9960	0	88.6	70	130			
Xylenes, Total	2.6	0.10	2.988	0	88.3	70	130			
Surr: 4-Bromofluorobenzene	0.82		0.9960		82.5	39.1	146			

Sample ID: 2307632-002amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW-3A (0-7')	Batch ID: 76209		RunNo: 98241							
Prep Date: 7/14/2023	Analysis Date: 7/18/2023		SeqNo: 3576418		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.025	0.9901	0	80.3	70	130	5.49	20	
Toluene	0.82	0.050	0.9901	0	82.5	70	130	5.87	20	
Ethylbenzene	0.84	0.050	0.9901	0	84.5	70	130	5.37	20	
Xylenes, Total	2.5	0.099	2.970	0	84.0	70	130	5.62	20	
Surr: 4-Bromofluorobenzene	0.80		0.9901		80.7	39.1	146	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.halleenvironmental.com

Sample Log-In Check List

Client Name: NTG Environmental Work Order Number: 2307632 RcptNo: 1

Received By: Tracy Casarrubias 7/14/2023 7:30:00 AM

Completed By: Tracy Casarrubias 7/14/2023 8:04:55 AM

Reviewed By: [Signature] 7/14/23

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?
Checked by: [Signature] 7/14/23

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 3.4, Good, Yes, Morty, [], []

Chain of Custody



Work Order No: 2307632

Page 1 of 1

Project Manager: Becky Haskell	Bill to: (if different)	Chase Settle
Company Name: NTG Environmental	Company Name: EOG	
Address: 701 Tradewinds Blvd.	Address:	
City, State ZIP: Midland TX, 79701	City, State ZIP:	
Phone: 432-766-1918	Email:	

Project Name: Compromise SWD	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number: 237175	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			None: NO DI Water: H ₂ O
Project Location: Eddy Co, New Mexico	Due Date: 5 DAY			Cool: Cool MeOH: Me
Sampler's Name: Kenny Han	TAT starts the day received by the lab, if received by 4:30pm			HCL: HC HNO ₃ : HN
PO #:				H ₂ SO ₄ : H ₂ NaOH: Na

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Sample Comments
							Temp Blank:	Wet Ice:	
SW-2A (0-7)	7/12/2023	10:55	X		Comp 1	1			001
SW-3A (0-7)	7/12/2023	11:00	X		Comp 1	1			002
SW-6A (0-7)	7/12/2023	11:05	X		Comp 1	1			003
SW-12A (0-8)	7/12/2023	11:10	X		Comp 1	1			004
SW-48 (0-8)	7/12/2023	11:15	X		Comp 1	1			005
SW-49 (0-8)	7/12/2023	11:20	X		Comp 1	1			006

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	7/13/23 1100
1. Kenny Han		7/14/23 3:30
3		
5		



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 18, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: COMPROMISE SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/17/23 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	07/17/2023	Sampling Date:	07/17/2023
Reported:	07/18/2023	Sampling Type:	Soil
Project Name:	COMPROMISE SWD	Sampling Condition:	Cool & Intact
Project Number:	237274	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO., NM		

Sample ID: GS - 1 16' (H233688-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.10	105	2.00	0.540	
Toluene*	<0.050	0.050	07/17/2023	ND	2.07	103	2.00	0.0760	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.17	108	2.00	0.265	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.50	108	6.00	0.346	
Total BTEX	<0.300	0.300	07/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	07/18/2023	ND	352	88.0	400	16.7	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.6	10.0	07/18/2023	ND	233	116	200	30.1	
DRO >C10-C28*	566	10.0	07/18/2023	ND	192	96.2	200	4.89	
EXT DRO >C28-C36	105	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>MTGE</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Becky Haskell</u>		P.O. #:		Company: <u>ECC</u>	
Address: <u>701 Tralmonds Blvd</u>		Attn: <u>Chase Sethe</u>			
City: <u>Midland</u> State: <u>TX</u> Zip: <u>79706</u>		Address:			
Phone #: <u>432-766-1918</u> Fax #:		City:			
Project #: <u>237274</u> Project Owner: <u>ECC</u>		State:		Zip:	
Project Name: <u>Lumpsum Sump</u>		Phone #:			
Project Location: <u>Foley Co, NM</u>		Fax #:			
Sampler Name: <u>Kenny Hand</u>		MATRIX		SAMPLING	
FOR LAB USE ONLY		(G)RAB OR (C)OMP.			
Lab I.D. <u>HQ351688</u>		# CONTAINERS			
Sample I.D.		GROUNDWATER			
<u>GS-1</u>		WASTEWATER			
<u>16'</u>		SOIL			
<u>16'</u>		OIL			
<u>16'</u>		SLUDGE			
<u>16'</u>		OTHER:			
<u>16'</u>		ACID/BASE:			
<u>16'</u>		ICE / COOL			
<u>16'</u>		OTHER:			
<u>16'</u>		DATE			
<u>16'</u>		TIME			
<u>16'</u>		<u>7/17/20</u>			
<u>16'</u>		<u>12:10</u>			
<u>16'</u>		<u>X</u>		<u>BTEX</u>	
<u>16'</u>		<u>X</u>		<u>TPH</u>	
<u>16'</u>		<u>X</u>		<u>Chloride</u>	

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Relinquished By: [Signature] Date: 7-17-23 Time: 14:48

Received By: [Signature] Date: 7-17-23 Time: 14:48

Relinquished By: [Signature] Date: 7-17-23 Time: 14:48

Received By: [Signature] Date: 7-17-23 Time: 14:48

Delivered By: (Circle One) 2.3 Observed Temp. °C 2.3 Corrected Temp. °C 2.3

Sampler - UPS - Bus - Other: UPS

Sample Condition: Intact Cool Yes No

Checked By: [Signature]

Turnaround Time: Standard 14hr 24hr 48hr

Thermometer ID: #140 Correction Factor: Rush

Bacteria (only) Intact Cool Yes No

Sample Condition: Intact Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabstn.com

ATTACHMENT E: BACKGROUND SAMPLE



Compromise SWD

2RP-4208

Legend

-  Release Area- Inside of Containment
-  Release Area- Outside of Containment
-  Background Sample Point



BKSE 



300 ft



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 26, 2017

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: COMPROMISE

Enclosed are the results of analyses for samples received by the laboratory on 09/20/17 16:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

EOG Y RESOURCES, INC
 CHASE SETTLE
 105 SOUTH 4TH STREET
 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	09/20/2017	Sampling Date:	09/19/2017
Reported:	09/26/2017	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	** (See Notes)
Project Number:	SWD	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BKSE- 1' (H702559-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/23/2017	ND	432	108	400	0.00	

Sample ID: BKSE- 3' (H702559-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/23/2017	ND	432	108	400	0.00	

Sample ID: BKSE- 5' (H702559-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/23/2017	ND	432	108	400	0.00	

Sample ID: BKSE- 7' (H702559-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	09/23/2017	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

EOG Y RESOURCES, INC
 CHASE SETTLE
 105 SOUTH 4TH STREET
 ARTESIA NM, 88210
 Fax To: (575) 748-4131

Received:	09/20/2017	Sampling Date:	09/19/2017
Reported:	09/26/2017	Sampling Type:	Soil
Project Name:	COMPROMISE	Sampling Condition:	** (See Notes)
Project Number:	SWD	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BKSE- 9' (H702559-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	09/23/2017	ND	432	108	400	0.00	

Sample ID: BKSE- 11' (H702559-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	09/25/2017	ND	416	104	400	3.77	QM-07

Sample ID: BKSE- 13' (H702559-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	09/25/2017	ND	416	104	400	3.77	

Sample ID: BKSE- 14.5' (H702559-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	09/25/2017	ND	416	104	400	3.77	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 246810

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 246810
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Due to the very shallow groundwater at the release location and the site being located within a 100-year floodplain, the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Please collect confirmation samples, representing no more than 200 ft2. The work will need to occur in 90 days after the report has been reviewed.	1/16/2024