

ARTESIA DISTRICT

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

SEP 14 2017

Form C-141
Revised August 8, 2011

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

RECEIVED
Submit to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

X Initial Report

Final Report

Name of Company: Burnett Oil Co., Inc. 3080	Contact: Johnny Titsworth
Address: Burnett Plaza-Site 1500, 801 Cherry St-Unit 9, Fort Worth, TX 76102	Telephone No. (432) 425-2891
Facility Name: Gissler B 90	Facility Type: Well

Surface Owner: BLM	Mineral Owner: BLM	API No. 30-015-41114
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LOCATION OF RELEASE

Unit Letter J	Section 11	Township 17S	Range 30E	Feet from the 1500	North/South Line FSL	Feet from the 1610	East/West Line FEL	County Eddy
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Latitude: 32.84584 Longitude: -103.93927

NATURE OF RELEASE

Type of Release: oil & pw	Volume of Release: 1/6 bbls	Volume Recovered 0/0 bbls
Source of Release: well head	Date and Hour of Occurrence: 9/14/17 8:00 am	Date and Hour of Discovery 9/14/17 9:00 am
Was Immediate Notice Given? X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD - M. Bratcher BLM - S. Tucker	
By Whom? Johnny Titsworth	Date and Hour: 9/14/17 10:00 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes X No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

N/A

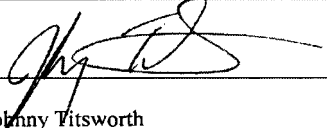

Describe Cause of Problem and Remedial Action Taken.*

liner slipped on wellhead and released approx. 7 bbls of total fluid. Well has been repaired and put back into service. The area will be sampled and remediated to regulatory standards.

Describe Area Affected and Cleanup Action Taken.*

approx. 2' x 100' feet on the well pad & approx. 2' x 30' in pasture (SW side of location) with a 5' x 3' pooling area.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Johnny Titsworth	Approved by Environmental Specialist: 	
Title: HSE Coordinator	Approval Date: 9/18/17	Expiration Date: N/A
E-mail Address: jtitsworth@burnettoil.com	Conditions of Approval: See attached	
Date: 9/14/17 Phone: (432) 425-2891	Attached <input type="checkbox"/> 2RD-4388	

* Attach Additional Sheets If Necessary

Incident ID	nAB1726250114
District RP	2RP-4388
Facility ID	
Application ID	

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?	<u>>100</u> (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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" 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 ½-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.

Oil Conservation Division

Incident ID	nAB1726250114
District RP	2RP-4388
Facility ID	
Application ID	

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: 10/25/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 10/26/2022

Incident ID	nAB1726250114
District RP	2RP-4388
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 10/25/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 10/25/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Ashley Maxwell Date: 2/28/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com



NTG
ENVIRONMENTAL

October 25, 2022

**New Mexico Oil Conservation Division
District 2
811 South First Street
Artesia, New Mexico 88210**

**Re: Site Characterization and Closure Report
Gissler B #90
EOG Resources Inc.
Incident ID: nAB1726250114
J-11-17S-30E, Eddy County, New Mexico**

To Whom it May Concern:

1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of EOG Resources Inc. (EOG), submits this Site Characterization and Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This report provides documentation of delineation, sampling, remedial activities, and analyses conducted in the affected area at the EOG Gissler B #90 Release Site (Site). The Site is located in Unit Letter J, Section 11, of Township 17 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.84584° N latitude and -103.93927° W longitude. The release occurred on land managed by the Bureau of Land Management (BLM). Figure 1 depicts the Site Location. The EOG production well head and other site details are depicted on Figures 2 and 3.

2. Background

At the time of the release, the Gissler B #90 production pad was owned and operated by Burnett Oil Co., Inc. (Burnett). Burnett submitted a C-141, Release Notification and Corrective Action, form dated September 14, 2017, to the NMOCD. The C-141 states the release was due to a liner slipping on the wellhead. Approximately one (1) barrel of oil and six (6) barrels of produced water was released with zero (0) barrels being recovered.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number nAB1726250114. The Release Notification and Corrective Action, Site Assessment/Characterization, and Closure portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

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

On May 20, 2021, Talon LPE (Talon) installed a soil boring at GPS coordinates 32.848420° N latitude and -103.931751° W longitude to approximately one hundred and five (105) feet below ground surface. The depth to groundwater determination soil boring is located approximately 0.48 miles northeast of the Site. The soil boring was left open for seventy-two (72) hours and a water level meter was utilized to determine the presence or absence of groundwater. Groundwater was not detected, and the boring was plugged and abandoned. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundary or distance from the Site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area of low karst potential with depth to groundwater greater than one hundred (100) feet and meets the closure criteria for depth to groundwater greater than one hundred (100) feet in Table I in NMAC 19.15.29.12. The Site characterization documentation (Talon Boring Log, Depth to Groundwater Location Map, Points of Diversion Map, Karst Potential Map, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided in Attachment A. The soil closure criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
No Receptors Found	>100

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MR)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

4. Initial Soil Delineation Assessment Summary and Findings

On October 4th, 2018, Burnett installed seven (7) sample points, SP-1 through SP-7, within the suspected impacted area. Soil samples were collected at depths ranging from surface to ten (10) feet below ground surface. Select soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), total petroleum hydrocarbons (TPH), and chloride. None of the sample points exhibited chloride concentrations exceeding Table I Closure Criteria for groundwater greater than one hundred (100) feet for chloride. However, five (5) sample points

(SP-1 through SP-5) exhibited chloride concentrations exceeding 19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet) Closure Criteria. All seven (7) of the sample points exhibited TPH/and or BTEX concentrations exceeding Table 1 Closure Criteria for groundwater greater than one hundred (100) feet. Some of the samples collected by Burnett were not analyzed for BTEX and TPH. A field sketch was obtained by EOG that depicted the impacted area and sample locations; however, no laboratory reports were within the file. Figure 2, Test Pit Location Map, depicts the locations of the initial delineation samples. Analytical results are provided on Table 2, Summary of Soil Analytical Data – Delineation Samples.

Due to many of the delineation samples collected by Burnett missing BTEX and TPH analysis, NTGE and Standard Safety and Supply (SS) mobilized to the site on September 6, 2022 and September 12, 2022, to install seven (7) test pits (SP-1 through SP-7). Soil Samples were collected from depths ranging from surface to four (4) feet below ground surface. The samples were analyzed for BTEX by EPA method 8021B, TPH by method 8015 Modified, and chloride by EPA method 300.0 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico and Cardinal Laboratories (Cardinal) in Hobbs, New Mexico. Analytical results indicated SP-1 exhibited TPH concentrations above Table I Closure Criteria for depth to groundwater greater than one hundred (100) feet at the surface. None of the other samples exhibited BTEX, TPH, or chloride concentrations above Table I Closure Criteria for depth to groundwater greater than one hundred (100) feet. Samples points SP-1 through SP-5 exhibited TPH and/or chloride concentrations above 19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet) Closure Criteria at depths ranging from surface to three (3) feet below ground surface. Sample points SP-6 and SP-7 exhibited BTEX, TPH, and chloride concentrations below Table I Closure Criteria. Figure 3, Confirmation Sampling Map, depicts the locations of the confirmation samples and analytical results. Analytical results are provided on Table 2, Summary of Soil Analytical Data – Delineation Samples and in the Laboratory Analytical Reports provided in attachment D. A photographic log is included in Attachment B.

5. Excavation, Waste Management and Confirmation Sampling

Due to the initial soil sampling activities exhibiting TPH and chloride concentrations above 19.25.29.12 and/or 19.25.29.13 Closure Criteria, NTGE and SS mobilized to the site on September 26, 2022, to excavate the affected soils. The excavation ranged in depth from six (6) inches to four feet below ground surface. As depicted on Figure 3, four (4) sidewall (SW-1 through SW-4) and twenty one (21) bottom hole (BH-1 through BH-21) composite confirmation samples were collected. Composite samples represented areas no larger than two hundred (200) square feet. Confirmation samples were taken to Envirotech in Farmington, New Mexico and analyzed for BTEX by EPA Method 8260B, TPH by Method 8015 modified, and chloride by EPA Method 300.0. Analytical results indicated bottom hole confirmation samples, BH-12 through BH-14, and sidewall confirmation samples, SW-1 and SW-2, exhibited concentrations above 19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet) Table I Closure Criteria. Figure 3, Confirmation Sampling Map, depicts the locations of the confirmation samples and analytical results. Analytical results are provided on Table 1, Summary of Soil Analytical Data – Confirmation Samples and in the Laboratory Analytical Reports provided in attachment D. A photographic log is included in Attachment B.

On October 13, 2022, NTGE and SS mobilized to the site to further excavate the areas represented by confirmation soil samples BH-12 through BH-14 and SW-1 through SW-2. Once

each area was further excavated an additional foot, the areas were field screened for chloride concentrations. The area represented by BH-12 through BH-14 was excavated to approximately two (2) feet below ground surface and confirmation samples were collected, BH-12A through BH-14A. The four foot excavation sidewall were further excavated and confirmation samples were collected, SW-1A and SW-2A. Confirmation samples were taken to Cardinal in Hobbs, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015 modified, and chloride by EPA Method 300.0. Analytical results indicated all confirmation samples exhibited BTEX, TPH and chloride concentrations below 19.15.29.12 and 19.15.29.13 Closure Criteria. Figure 3, Confirmation Sampling Map, depicts the locations of the confirmation samples and analytical results. Analytical results are provided on Table 1, Summary of Soil Analytical Data – Confirmation Samples and in the Laboratory Analytical Reports provided in attachment D. A photographic log is included in Attachment B.

Waste Management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (WM-1-035), Lea Land, LLC facility located at MM 64, Highway 62/180 East, Carlsbad, NM, 88220. Approximately 208.15 tons of impacted soil were disposed at Lea Land, LLC, the waste manifest from October 12 and 13, 2022, are available upon request and aren't included in this report due to the size of the file. Confirmation Sampling Notifications are provided as Attachment C.

6. nAB1726250114 Closure Request

The excavation was backfilled with non-impacted materials. Site characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, NTGE, on behalf of EOG, respectfully requests closure and no further regulatory actions for nAB1726250114.

If you have any questions or comments concerning this Site Closure Report, please do not hesitate to contact our Midland office at (432) 766-1918.

Sincerely,

NTG Environmental



Becky Haskell
Senior Project Manager

Encl. Figure 1 – Site Location Map
Figure 2 – Site Assessment – Sample Location Map
Figure 3 – Confirmation Sampling Map
Table 1 – Summary of Soil Analytical Data – Confirmation Samples



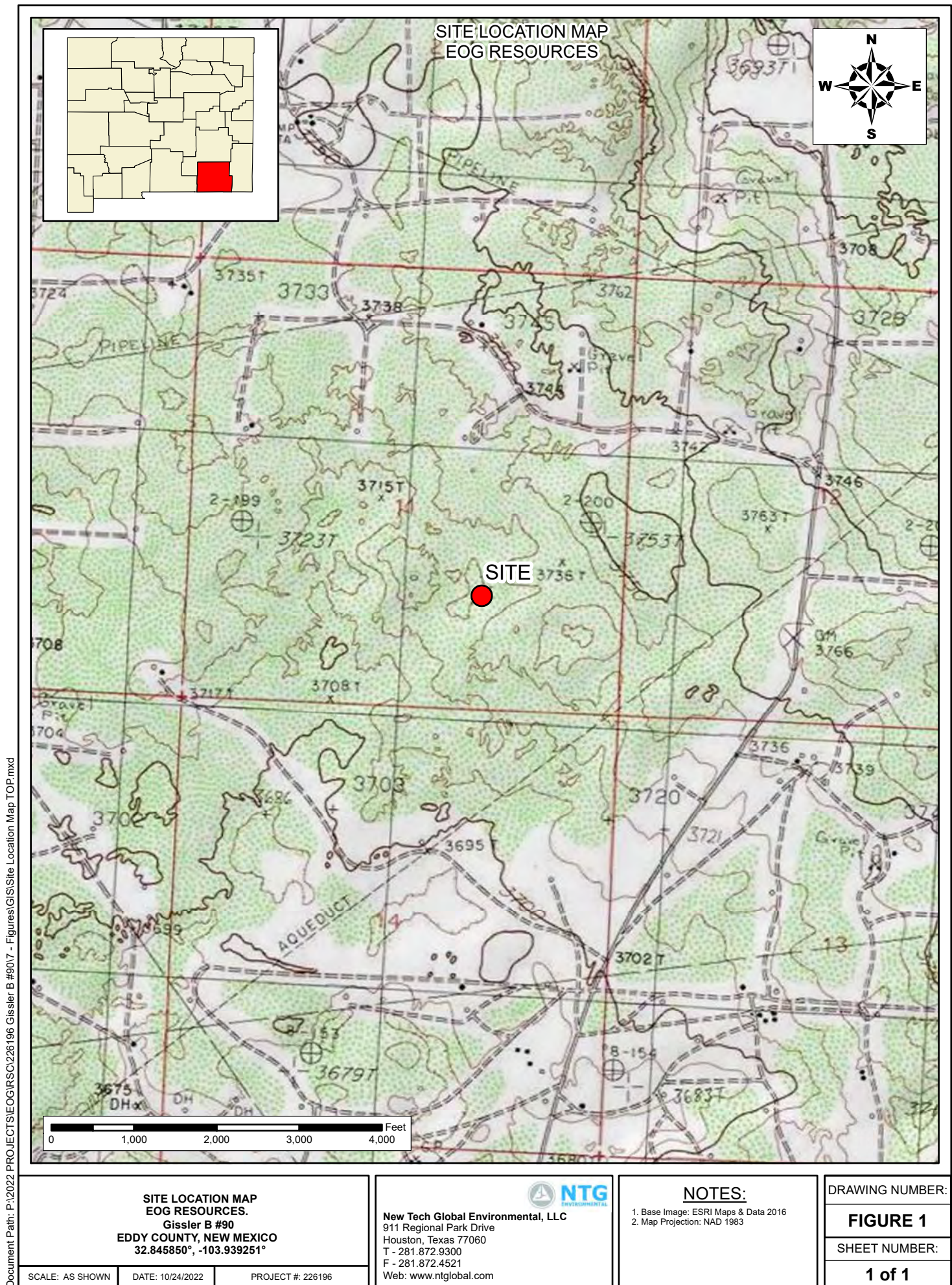
Table 2 – Summary of Soil Analytical Data – Delineation Samples
Attachment A – Site Characterization Documentation
Attachment B – Photographic Log
Attachment C – Confirmation Sampling Notifications
Attachment D – Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Chase Settle

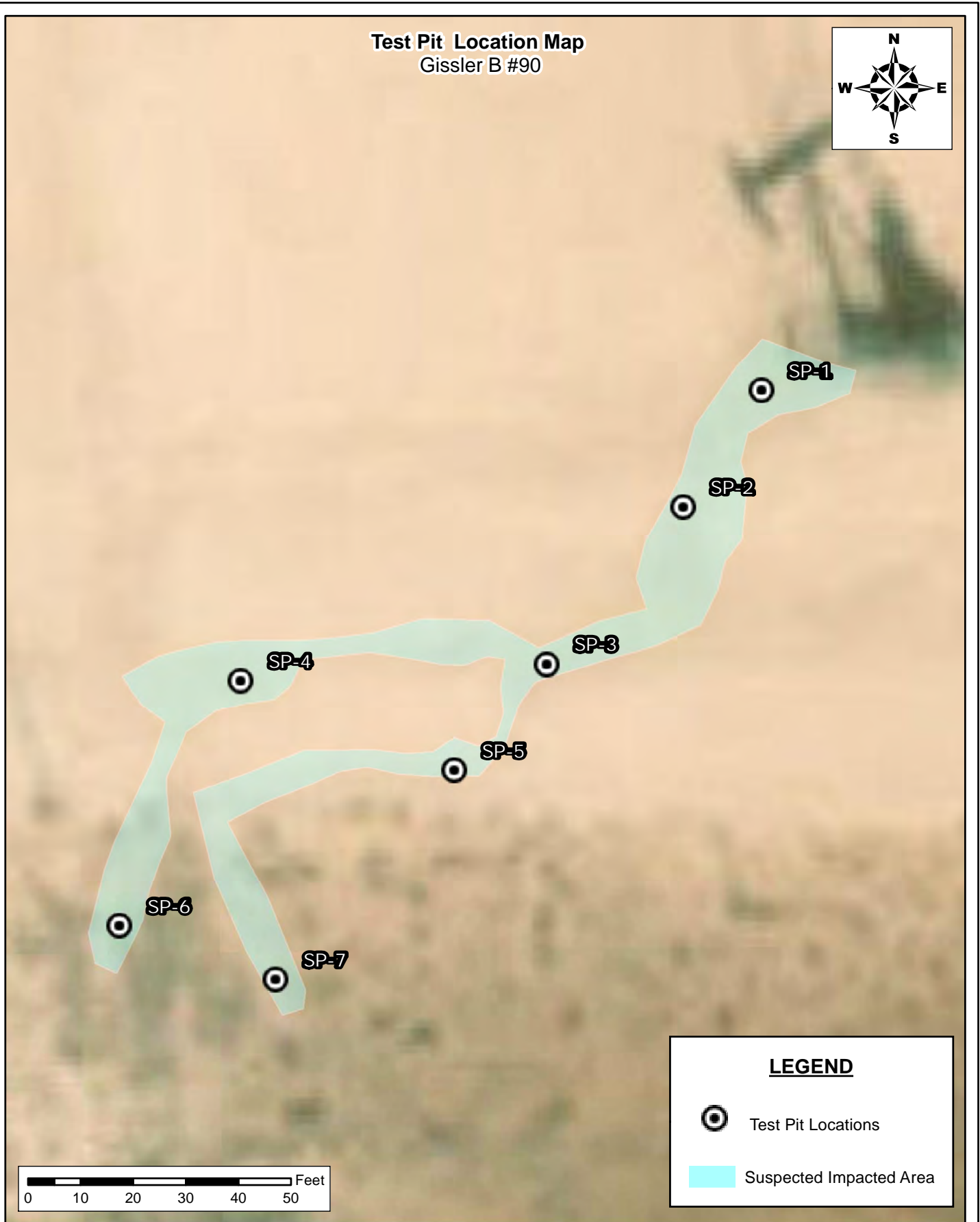


FIGURES





Document Path: P:\2022 PROJECTS\EOGRSC\226196 Gissler B #90\7 - Figures\GIS\Figure_2_Figure 2 Test Pit Location Map.mxd



TEST PIT LOCATION MAP
EOG RESOURCES
Gissler B #90
EDDY COUNTY, NEW MEXICO
32.845850°, -103.939251°

SCALE: As Shown Date: 10/24/2022 PROJECT #: 226196



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
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NOTES:

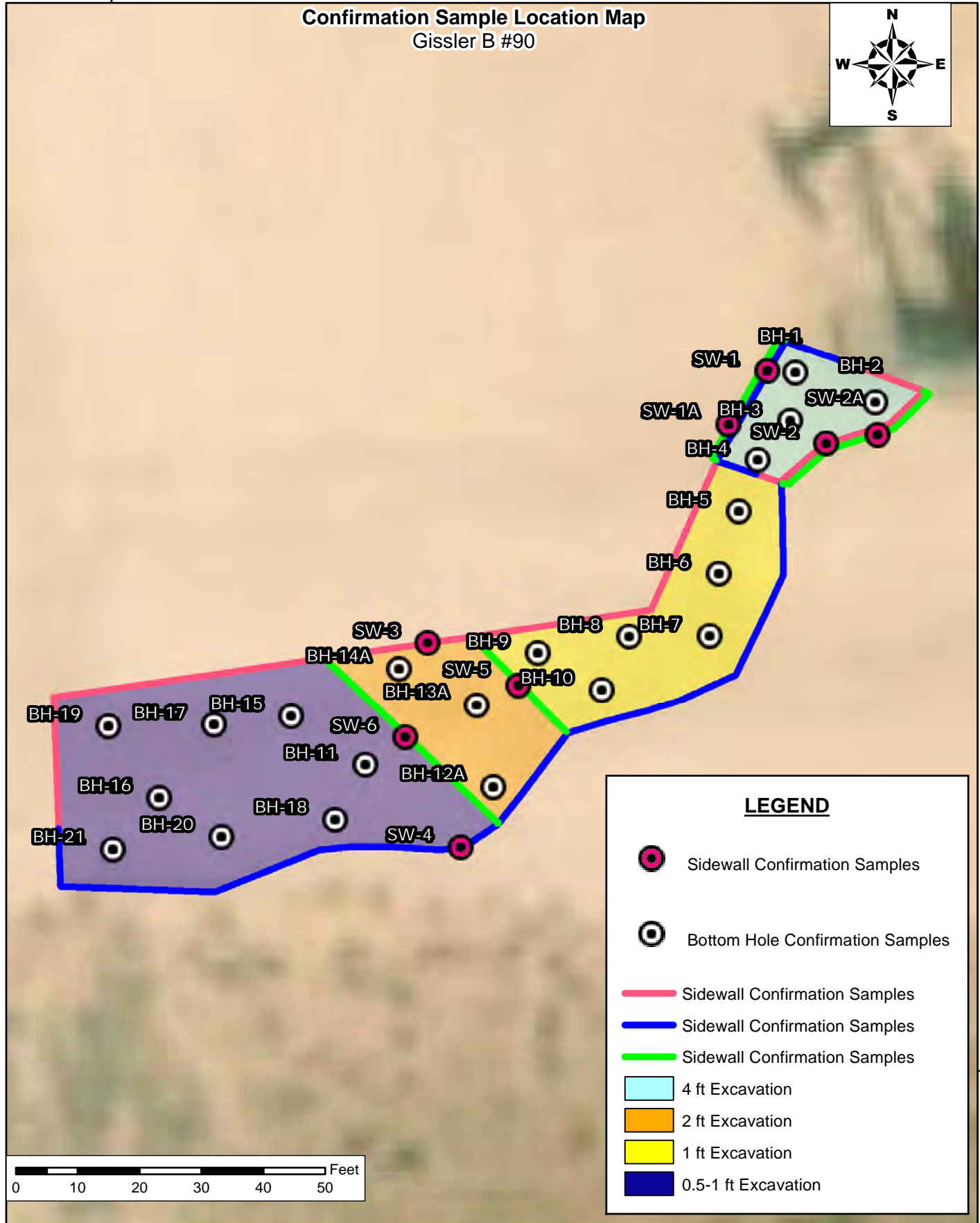
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



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CONFIRMATION SAMPLE LOCATION MAP
EOG RESOURCES
 Gissler B #90
 EDDY COUNTY, NEW MEXICO
 32.845850°, -103.939251°

SCALE: As Shown Date: 10/24/2022 PROJECT #: 226196

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NOTES:

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

DRAWING NUMBER

FIGURE 3

SHEET NUMBER:

1 of 1

TABLES

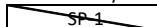


Table 1
Summary of Soil Analytical Data - Confirmation Samples
Gissler B #90
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								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)	(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	---	---	---	50	---	---	1,000	---	2,500	20,000			
Bottom Hole Confirmation Samples													
BH-1	9/28/2022	4.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	868	
BH-2	9/28/2022	4.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	927	
BH-3	9/28/2022	4.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	596	
BH-4	9/28/2022	4.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	532	
BH-5	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	568	
BH-6	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	583	
BH-7	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	571	
BH-8	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	539	
BH-9	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	170	
BH-10	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	157	
BH-11	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	158	
BH-12	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	1060	
BH-12A	10/13/2022	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48	
BH-13	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	1010	
BH-13A	10/13/2022	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16	
BH-14	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	1430	
BH-14A	10/13/2022	2.0'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0	
BH-15	9/28/2022	1.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	
BH-16	9/27/2022	6.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	303	
BH-17	9/27/2022	6.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	253	
BH-18	9/27/2022	6.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	253	
BH-19	9/27/2022	6.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	291	
BH-20	9/27/2022	6.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	269	
BH-21	9/27/2022	6.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	303	
Sidewall Confirmation Samples													
SW-1	9/28/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	864	
SW-1A	10/13/2022	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-2	9/28/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	1210	
SW-2A	10/13/2022	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	464	
SW-3	9/28/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	
SW-4	9/28/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	250	
SW-5	10/13/2022	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80	
SW-6	10/13/2022	Sidewall	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32	

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

 Sample Point Excavated

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 I 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 2
Summary of Soil Analytical Data - Delineation Samples
Gissler B #90
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(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	---	---	---	50	---	---	1,000	---	2,500	20,000
Burnett Oil Delineation Samples													
SP-1	10/4/2018	0-1	16	180	190	260	646	4,500	26,100	30,600	---	30,600	4,300
SP-1	10/4/2018	1-2	ND	ND	ND	ND	ND	ND	440	440	---	440	970
SP-1	10/4/2018	2-3	---	---	---	---	---	---	---	---	---	---	240
SP-1	10/4/2018	3-4	---	---	---	---	---	---	---	---	---	---	250
SP-1	10/4/2018	4-5	---	---	---	---	---	---	---	---	---	---	85
SP-2	10/4/2018	0-1	17	87	66	89	259	2,400	21,400	23,800	---	23,800	3,400
SP-2	10/4/2018	1-2	ND	0.94	2.1	3.3	6.34	79	5,900	5,979	---	5,979	2,300
SP-2	10/4/2018	2-3	---	---	---	---	---	ND	68	68	---	68	630
SP-2	10/4/2018	3-4	---	---	---	---	---	---	---	---	---	---	270
SP-2	10/4/2018	4-5	---	---	---	---	---	---	---	---	---	---	100
SP-2	10/4/2018	5-6	---	---	---	---	---	---	---	---	---	---	ND
SP-3	10/4/2018	0-1	11	140	110	140	401	270	31,000	31,270	---	31,270	7,400
SP-3	10/4/2018	1-2	ND	ND	ND	ND	ND	ND	214	214	---	214	14,000
SP-3	10/4/2018	2-3	---	---	---	---	---	---	---	---	---	---	4,900
SP-3	10/4/2018	3-4	---	---	---	---	---	---	---	---	---	---	110
SP-3	10/4/2018	4-5	---	---	---	---	---	---	---	---	---	---	340
SP-4	10/4/2018	0-1	ND	1.6	6.4	9.3	17.3	210	1,110	1,320	---	1,320	9,100
SP-4	10/4/2018	1-2	---	---	---	---	---	---	---	---	---	---	170
SP-4	10/4/2018	2-3	---	---	---	---	---	---	---	---	---	---	43
SP-4	10/4/2018	3-4	---	---	---	---	---	---	---	---	---	---	ND
SP-4	10/4/2018	4-5	---	---	---	---	---	---	---	---	---	---	ND
SP-4	10/4/2018	4-6	---	---	---	---	---	---	---	---	---	---	31
SP-4	10/4/2018	6-7	---	---	---	---	---	---	---	---	---	---	130
SP-4	10/4/2018	7-8	---	---	---	---	---	---	---	---	---	---	84
SP-5	10/4/2018	0-1	ND	38	72	100	210	1,600	14,200	15,800	---	15,800	12,000
SP-5	10/4/2018	1-2	ND	6.7	21	32	59.7	490	3,700	4,190	---	4,190	4,100
SP-5	10/4/2018	2-3	ND	ND	ND	ND	ND	---	---	---	---	---	ND
SP-5	10/4/2018	3-4	---	---	---	---	---	---	---	---	---	---	200
SP-5	10/4/2018	4-5	---	---	---	---	---	---	---	---	---	---	ND
SP-5	10/4/2018	5-6	---	---	---	---	---	---	---	---	---	---	49
SP-5	10/4/2018	6-7	---	---	---	---	---	---	---	---	---	---	44
SP-5	10/4/2018	7-8	---	---	---	---	---	---	---	---	---	---	42
SP-5	10/4/2018	8-9	---	---	---	---	---	---	---	---	---	---	ND
SP-5	10/4/2018	9-10	---	---	---	---	---	---	---	---	---	---	33
SP-6	10/4/2018	0-1	4.5	87	160	240	491.5	3,000	45,000	48,000	---	48,000	ND
SP-6	10/4/2018	1-2	5	87	93	100	285	2,600	21,600	24,200	---	24,200	33
SP-6	10/4/2018	2-3	ND	62	83	85	230	2,100	16,600	18,700	---	18,700	ND
SP-6	10/4/2018	3-4	---	---	---	---	---	---	---	---	---	---	ND
SP-6	10/4/2018	4-5	---	---	---	---	---	---	---	---	---	---	ND
SP-6	10/4/2018	5-6	---	---	---	---	---	---	---	---	---	---	43

Table 2
Summary of Soil Analytical Data - Delineation Samples
Gissler B #90
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(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)		(mg/kg)
Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC														
10	---	---	---	50	---	---	1,000	---	2,500	20,000				
SP-6	10/4/2018	6-7	---	---	---	---	---	---	---	---	---	---	68	
SP-6	10/4/2018	7-8	---	---	---	---	---	---	---	---	---	---	110	
SP-6	10/4/2018	8-9	---	---	---	---	---	---	---	---	---	---	83	
SP-6	10/4/2018	9-10	---	---	---	---	---	---	---	---	---	---	71	
SP-7	10/4/2018	0-1	6.4	130	150	210	496.4	4,200	30,300	34,500	---	34,500	ND	
SP-7	10/4/2018	1-2	3	91	35	140	269	3,100	3,370	6,470	---	6,470	ND	
SP-7	10/4/2018	2-3	ND	ND	ND	ND	ND	ND	1,040	1,040	---	1,040	ND	
SP-7	10/4/2018	3-4	---	---	---	---	---	---	---	---	---	---	ND	
SP-7	10/4/2018	4-5	---	---	---	---	---	---	---	---	---	---	35	
SP-7	10/4/2018	5-6	---	---	---	---	---	---	---	---	---	---	69	
SP-7	10/4/2018	6-7	---	---	---	---	---	---	---	---	---	---	120	
SP-7	10/4/2018	7-8	---	---	---	---	---	---	---	---	---	---	130	
SP-7	10/4/2018	8-9	---	---	---	---	---	---	---	---	---	---	140	
SP-7	10/4/2018	9-10	---	---	---	---	---	---	---	---	---	---	130	
NTGE Delineation Samples Collected on Behalf of EOG														
SP-1	9/12/2022	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,190	1,190	240	1,430	1,740	
SP-1	9/6/2022	1	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<14	<14	<46	<46	440	
SP-1	9/6/2022	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<15	<50	<50	270	
SP-1	9/6/2022	3	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<14	<14	<47	<47	680	
SP-1	9/6/2022	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<15	<49	<49	3,900	
SP-2	9/12/2022	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	253	253	101	354	1,090	
SP-2	9/6/2022	1	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<15	<49	<49	350	
SP-2	9/6/2022	2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<15	<15	<50	<50	190	
SP-2	9/6/2022	3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<14	<14	<47	<47	120	
SP-2	9/6/2022	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<14	<14	<48	<48	130	
SP-3	9/12/2022	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	96.6	96.6	53.3	149.9	80	
SP-3	9/6/2022	1	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<14	<14	<48	<48	100	
SP-3	9/6/2022	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<14	<14	<45	<45	<60	
SP-3	9/6/2022	3	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<14	<47	<47	<60	
SP-3	9/6/2022	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<15	<15	<48	<48	<59	
SP-4	9/12/2022	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	58	58	28.2	86.2	1,410	
SP-4	9/6/2022	1	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<15	<49	<49	<60	
SP-4	9/6/2022	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<12	<12	<39	<39	<60	
SP-4	9/6/2022	3	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<14	<46	<46	<60	
SP-4	9/6/2022	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<15	<49	<49	<60	
SP-5	9/12/2022	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.4	17.4	<10.0	17.4	1,060	
SP-5	9/6/2022	1	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<13	<13	<44	<44	<59	
SP-5	9/6/2022	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<15	<48	<48	<60	
SP-5	9/6/2022	3	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<14	<14	<46	<46	<60	
SP-5	9/6/2022	4	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<13	<13	<45	<45	<60	

Table 2
Summary of Soil Analytical Data - Delineation Samples
Gissler B #90
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6- C10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10	---	---	---	50	---	---	1,000	---	2,500	20,000
SP-6	9/12/2022	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP-6	9/12/2022	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-6	9/12/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-6	9/12/2022	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-6	9/12/2022	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-7	9/12/2022	0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SP-7	9/12/2022	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP-7	9/12/2022	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP-7	9/12/2022	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP-7	9/12/2022	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

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 I 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).

SP-1 Sample Point Excavated

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION



BORING LOG

Project No.: 700438.240.01

Weather: Clear, Temp.: 80°F

Driller: D. Londagin

Site Name: Gissler B #59

Logger: D. Adkins

Rig Type: Reich Drill

Location: Eddy County, New Mexico

Field Instrument: NA

Bit Size: 5-7/8"

Date: 5/20/2021

Latitude: 32.848420 N

Drilling Method: Air Rotary

Boring Number: B-1

Longitude: -103.931751 W

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	<input type="checkbox"/>	0-20'				Red/Brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>	20-30'				Light red/tan fine Sand (SP) and caliche	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>	30-105'				Red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
	<input type="checkbox"/>					__ TD 105' __	None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	
	<input type="checkbox"/>						None Slight Mod. Strong	

Surface Elevation: _____




Notes: Groundwater Not Encountered at 105-feet BGS-72 hr.

Logger Initials: DJA

Gissler B #90

Distance to DTW Boring 0.48 Miles

Legend

-  Gissler B #59 DTW Boring 0.48 Miles
-  Gissler B #90
-  Line Measure

#3H

Gissler B #59 DTW Boring 0.48 Miles

Gissler B #90

Google Earth

Released to Imaging: 2/28/2023 1:18:19 PM



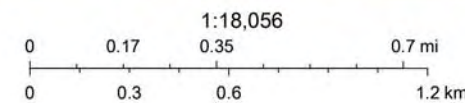
1000 ft

OSE POD Locations Map



10/24/2022, 12:14:07 PM

- GIS WATERS PODs
- Active
 - Pending
 - OSE District Boundary
 - New Mexico State Trust Lands
 - Both Estates
 - SiteBoundaries



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

Web Generated Map
Map is generated by web users.

Gissler B #90

Karst Potential Map

Legend

- High
- Low
- Medium

Gissler B #90

Google Earth






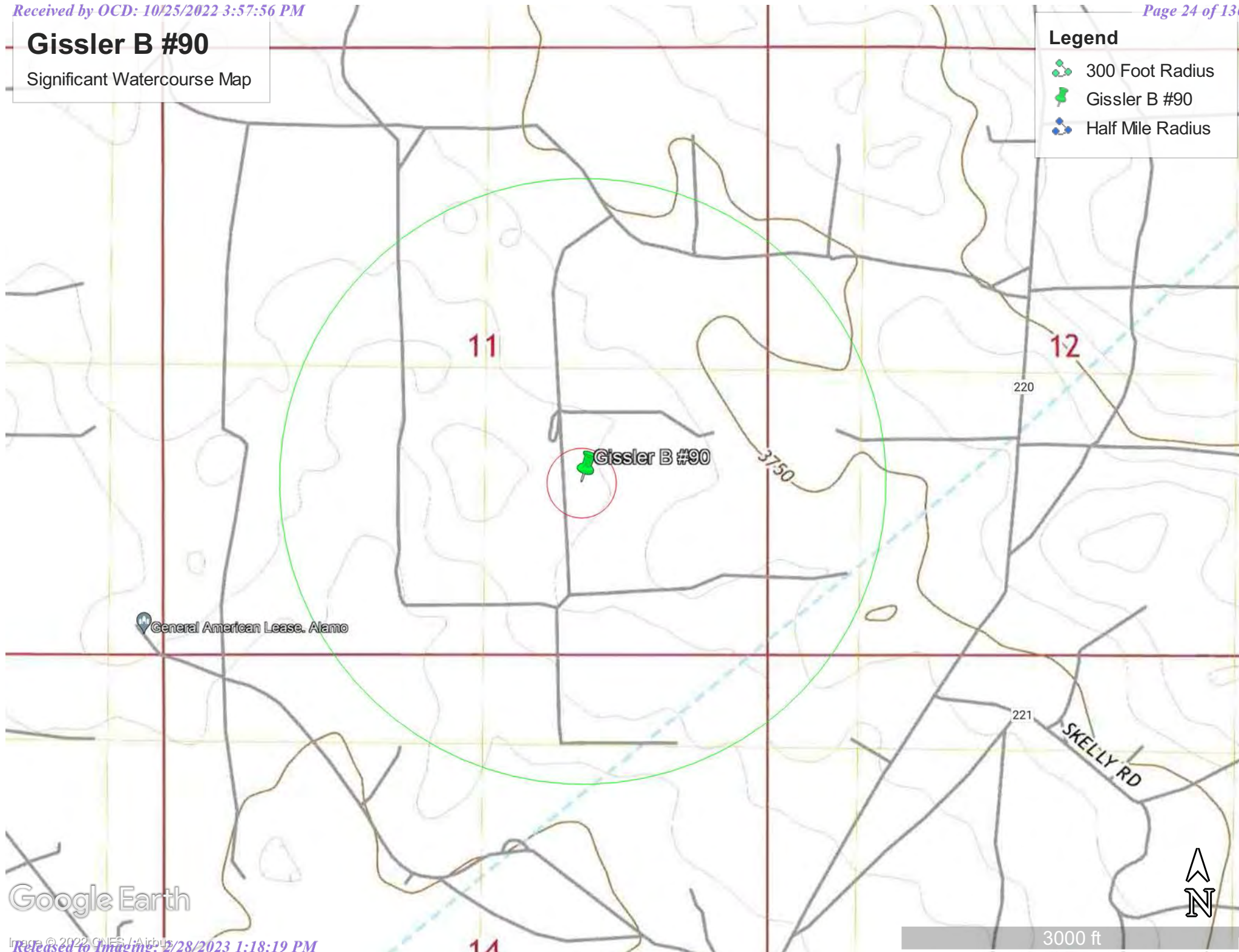
1000 ft

Gissler B #90

Significant Watercourse Map

Legend

-  300 Foot Radius
-  Gissler B #90
-  Half Mile Radius






Google Earth



October 24, 2022

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 FIRMette



103°56'40"W 32°51'N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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, AP
		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
		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
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		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 10/24/2022 at 12:05 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: 2/28/2023 1:18:19 PM

Received by OCD: 10/25/2022 3:57:56 PM

ATTACHMENT B: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

EOG Gissler B #90

Photograph No. 1

Facility: Gissler B #90

County: Eddy

Date: 09/29/2022

Description:

View of Excavation Area.



Photograph No. 2

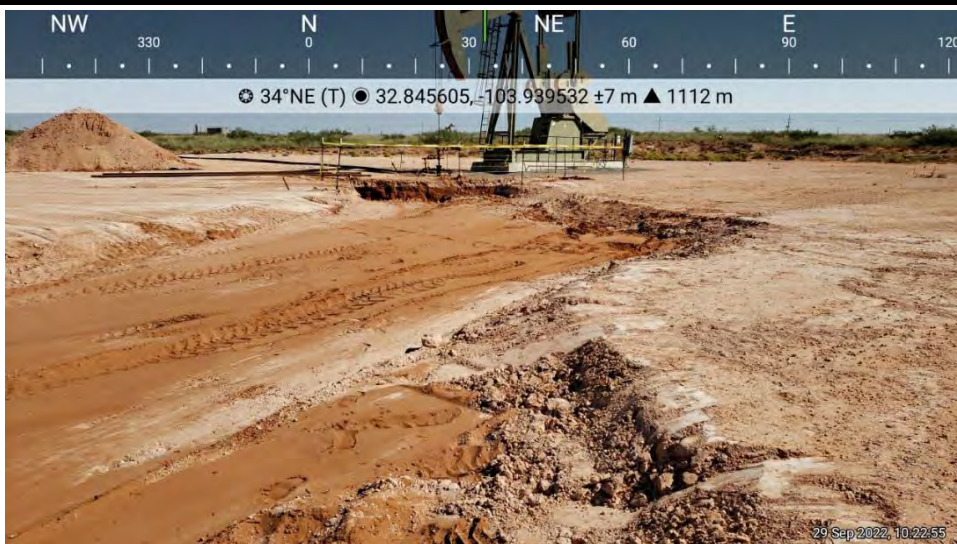
Facility: Gissler B #90

County: Eddy

Date: 09/29/2022

Description:

View of Excavation Area.



Photograph No. 3

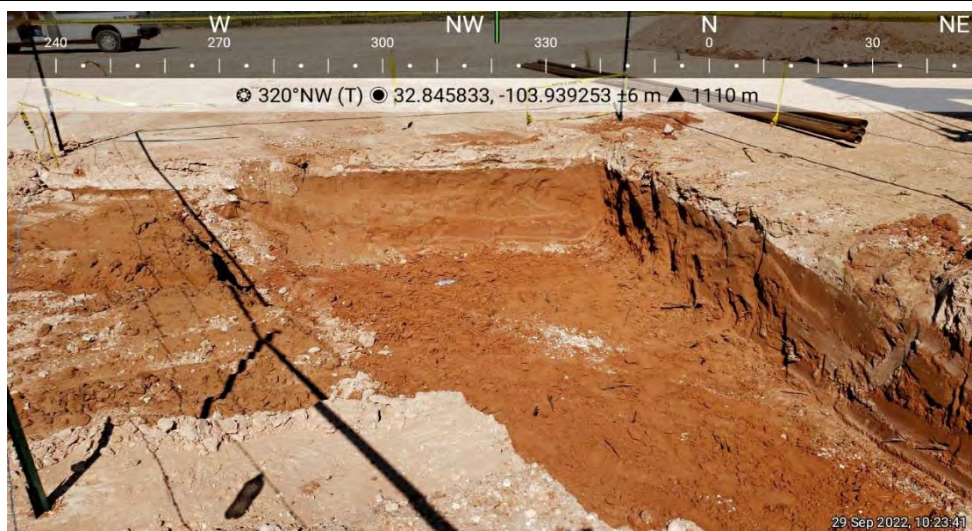
Facility: Gissler B #90

County: Eddy

Date: 09/29/2022

Description:

View of Excavation Area.



Photograph No. 4

Facility: Gissler B #90

County: Eddy

Date: 10/12/2022

Description:

View of Excavation Area.



ATTACHMENT C: CONFIRMATION SAMPLING NOTIFICATIONS



Becky Haskell

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Thursday, September 22, 2022 9:50 AM
To: Becky Haskell
Cc: Amber Griffin
Subject: FW: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

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

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, September 22, 2022 8:49 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

FYI

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Thursday, September 22, 2022 8:35 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, September 22, 2022 8:24 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler B 90
J-11-17S-30E
Eddy County, NM
nAB1726250114

Sampling will begin at 9:00 a.m. on Tuesday, September 27, 2022 and continue through Wednesday, September 28, 2022.

Thank you,

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



Becky Haskell

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Wednesday, October 12, 2022 3:09 PM
To: Becky Haskell
Cc: Amber Griffin
Subject: FW: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

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

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 12, 2022 11:33 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

FYI

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Wednesday, October 12, 2022 11:23 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Wednesday, October 12, 2022 8:34 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: Fw: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, October 10, 2022 8:36 AM

To: Enviro, OCD, EMNRD <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: [EXTERNAL] Gissler B 90 (nAB1726250114) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gissler B 90
J-11-17S-30E
Eddy County, NM
nAB1726250114

Sampling will begin at 10:00 a.m. on Wednesday, October 12, 2022 and continue through Thursday, October 13, 2022.

Thank you,

Tina Huerta

Regulatory Specialist

Direct: 575.748.4168

Cell: 575.703.3121

Email: tina_huerta@eogresources.com



Artesia Division

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





Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

September 21, 2022

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

RE: Gissler B 90

OrderNo.: 2209490

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 20 sample(s) on 9/10/2022 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 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-1 1'

Project: Gissler B 90

Collection Date: 9/6/2022 11:34:00 AM

Lab ID: 2209490-001

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 8:18:31 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/13/2022 8:18:31 PM
Surr: DNOP	105	21-129		%Rec	1	9/13/2022 8:18:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/13/2022 9:25:21 PM
Surr: BFB	93.5	37.7-212		%Rec	1	9/13/2022 9:25:21 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	9/13/2022 9:25:21 PM
Toluene	ND	0.049		mg/Kg	1	9/13/2022 9:25:21 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/13/2022 9:25:21 PM
Xylenes, Total	ND	0.099		mg/Kg	1	9/13/2022 9:25:21 PM
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	9/13/2022 9:25:21 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	440	60		mg/Kg	20	9/16/2022 2:03:46 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-1 2'

Project: Gissler B 90

Collection Date: 9/6/2022 11:36:00 AM

Lab ID: 2209490-002

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 8:50:38 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/13/2022 8:50:38 PM
Surr: DNOP	88.9	21-129		%Rec	1	9/13/2022 8:50:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/13/2022 10:35:44 PM
Surr: BFB	95.9	37.7-212		%Rec	1	9/13/2022 10:35:44 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/13/2022 10:35:44 PM
Toluene	ND	0.049		mg/Kg	1	9/13/2022 10:35:44 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/13/2022 10:35:44 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/13/2022 10:35:44 PM
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	9/13/2022 10:35:44 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	270	60		mg/Kg	20	9/16/2022 3:05:29 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-1 3'

Project: Gissler B 90

Collection Date: 9/6/2022 11:38:00 AM

Lab ID: 2209490-003

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 9:01:20 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/13/2022 9:01:20 PM
Surr: DNOP	92.0	21-129		%Rec	1	9/13/2022 9:01:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/13/2022 11:46:22 PM
Surr: BFB	93.8	37.7-212		%Rec	1	9/13/2022 11:46:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	9/13/2022 11:46:22 PM
Toluene	ND	0.050		mg/Kg	1	9/13/2022 11:46:22 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/13/2022 11:46:22 PM
Xylenes, Total	ND	0.099		mg/Kg	1	9/13/2022 11:46:22 PM
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	9/13/2022 11:46:22 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	680	60		mg/Kg	20	9/16/2022 3:42:30 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-1 4'

Project: Gissler B 90

Collection Date: 9/6/2022 11:40:00 AM

Lab ID: 2209490-004

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 9:12:03 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/13/2022 9:12:03 PM
Surr: DNOP	109	21-129		%Rec	1	9/13/2022 9:12:03 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/14/2022 12:09:53 AM
Surr: BFB	91.8	37.7-212		%Rec	1	9/14/2022 12:09:53 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/14/2022 12:09:53 AM
Toluene	ND	0.049		mg/Kg	1	9/14/2022 12:09:53 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/14/2022 12:09:53 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/14/2022 12:09:53 AM
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	9/14/2022 12:09:53 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	3900	150		mg/Kg	50	9/19/2022 9:39:32 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-2 1'

Project: Gissler B 90

Collection Date: 9/6/2022 11:44:00 AM

Lab ID: 2209490-005

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 9:22:46 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/13/2022 9:22:46 PM
Surr: DNOP	93.6	21-129		%Rec	1	9/13/2022 9:22:46 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/14/2022 12:33:20 AM
Surr: BFB	95.4	37.7-212		%Rec	1	9/14/2022 12:33:20 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	9/14/2022 12:33:20 AM
Toluene	ND	0.049		mg/Kg	1	9/14/2022 12:33:20 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/14/2022 12:33:20 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/14/2022 12:33:20 AM
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	1	9/14/2022 12:33:20 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	350	60		mg/Kg	20	9/16/2022 4:07:11 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-2 2'

Project: Gissler B 90

Collection Date: 9/6/2022 11:46:00 AM

Lab ID: 2209490-006

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 9:33:31 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/13/2022 9:33:31 PM
Surr: DNOP	87.1	21-129		%Rec	1	9/13/2022 9:33:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/14/2022 12:56:47 AM
Surr: BFB	97.0	37.7-212		%Rec	1	9/14/2022 12:56:47 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	9/14/2022 12:56:47 AM
Toluene	ND	0.050		mg/Kg	1	9/14/2022 12:56:47 AM
Ethylbenzene	ND	0.050		mg/Kg	1	9/14/2022 12:56:47 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/14/2022 12:56:47 AM
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	9/14/2022 12:56:47 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	190	60		mg/Kg	20	9/16/2022 4:19:32 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-2 3'

Project: Gissler B 90

Collection Date: 9/6/2022 11:48:00 AM

Lab ID: 2209490-007

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 9:54:59 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/13/2022 9:54:59 PM
Surr: DNOP	97.3	21-129		%Rec	1	9/13/2022 9:54:59 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/14/2022 1:20:12 AM
Surr: BFB	96.1	37.7-212		%Rec	1	9/14/2022 1:20:12 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	9/14/2022 1:20:12 AM
Toluene	ND	0.049		mg/Kg	1	9/14/2022 1:20:12 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/14/2022 1:20:12 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/14/2022 1:20:12 AM
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	9/14/2022 1:20:12 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	120	60		mg/Kg	20	9/16/2022 4:31:53 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-2 4'

Project: Gissler B 90

Collection Date: 9/6/2022 11:50:00 AM

Lab ID: 2209490-008

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 10:05:46 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/13/2022 10:05:46 PM
Surr: DNOP	91.0	21-129		%Rec	1	9/13/2022 10:05:46 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/14/2022 1:43:43 AM
Surr: BFB	94.3	37.7-212		%Rec	1	9/14/2022 1:43:43 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/14/2022 1:43:43 AM
Toluene	ND	0.048		mg/Kg	1	9/14/2022 1:43:43 AM
Ethylbenzene	ND	0.048		mg/Kg	1	9/14/2022 1:43:43 AM
Xylenes, Total	ND	0.097		mg/Kg	1	9/14/2022 1:43:43 AM
Surr: 4-Bromofluorobenzene	88.2	70-130		%Rec	1	9/14/2022 1:43:43 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	130	60		mg/Kg	20	9/16/2022 4:44:13 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-3 1'

Project: Gissler B 90

Collection Date: 9/6/2022 12:06:00 PM

Lab ID: 2209490-009

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 10:16:35 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/13/2022 10:16:35 PM
Surr: DNOP	86.7	21-129		%Rec	1	9/13/2022 10:16:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/14/2022 2:54:17 AM
Surr: BFB	94.3	37.7-212		%Rec	1	9/14/2022 2:54:17 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/14/2022 2:54:17 AM
Toluene	ND	0.048		mg/Kg	1	9/14/2022 2:54:17 AM
Ethylbenzene	ND	0.048		mg/Kg	1	9/14/2022 2:54:17 AM
Xylenes, Total	ND	0.097		mg/Kg	1	9/14/2022 2:54:17 AM
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	9/14/2022 2:54:17 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	100	60		mg/Kg	20	9/16/2022 4:56:34 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-3 2'

Project: Gissler B 90

Collection Date: 9/6/2022 12:08:00 PM

Lab ID: 2209490-010

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 10:27:24 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/13/2022 10:27:24 PM
Surr: DNOP	89.9	21-129		%Rec	1	9/13/2022 10:27:24 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/14/2022 3:17:47 AM
Surr: BFB	91.3	37.7-212		%Rec	1	9/14/2022 3:17:47 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/14/2022 3:17:47 AM
Toluene	ND	0.049		mg/Kg	1	9/14/2022 3:17:47 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/14/2022 3:17:47 AM
Xylenes, Total	ND	0.097		mg/Kg	1	9/14/2022 3:17:47 AM
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	9/14/2022 3:17:47 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 5:33:36 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-3 3'

Project: Gissler B 90

Collection Date: 9/6/2022 12:10:00 PM

Lab ID: 2209490-011

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 10:38:12 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/13/2022 10:38:12 PM
Surr: DNOP	87.0	21-129		%Rec	1	9/13/2022 10:38:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/14/2022 3:41:19 AM
Surr: BFB	94.0	37.7-212		%Rec	1	9/14/2022 3:41:19 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/14/2022 3:41:19 AM
Toluene	ND	0.049		mg/Kg	1	9/14/2022 3:41:19 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/14/2022 3:41:19 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/14/2022 3:41:19 AM
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	9/14/2022 3:41:19 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 5:45:57 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-3 4'

Project: Gissler B 90

Collection Date: 9/6/2022 12:12:00 PM

Lab ID: 2209490-012

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 10:49:02 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/13/2022 10:49:02 PM
Surr: DNOP	89.4	21-129		%Rec	1	9/13/2022 10:49:02 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/14/2022 4:04:45 AM
Surr: BFB	91.1	37.7-212		%Rec	1	9/14/2022 4:04:45 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/14/2022 4:04:45 AM
Toluene	ND	0.048		mg/Kg	1	9/14/2022 4:04:45 AM
Ethylbenzene	ND	0.048		mg/Kg	1	9/14/2022 4:04:45 AM
Xylenes, Total	ND	0.096		mg/Kg	1	9/14/2022 4:04:45 AM
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	9/14/2022 4:04:45 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	59		mg/Kg	20	9/16/2022 5:58:18 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-4 1'

Project: Gissler B 90

Collection Date: 9/6/2022 12:50:00 PM

Lab ID: 2209490-013

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 10:59:52 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/13/2022 10:59:52 PM
Surr: DNOP	88.8	21-129		%Rec	1	9/13/2022 10:59:52 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/14/2022 4:28:10 AM
Surr: BFB	91.6	37.7-212		%Rec	1	9/14/2022 4:28:10 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	9/14/2022 4:28:10 AM
Toluene	ND	0.049		mg/Kg	1	9/14/2022 4:28:10 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/14/2022 4:28:10 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/14/2022 4:28:10 AM
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	9/14/2022 4:28:10 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 6:10:39 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-4 2'

Project: Gissler B 90

Collection Date: 9/6/2022 12:52:00 PM

Lab ID: 2209490-014

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	12		mg/Kg	1	9/13/2022 11:10:45 PM
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	9/13/2022 11:10:45 PM
Surr: DNOP	93.0	21-129		%Rec	1	9/13/2022 11:10:45 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/14/2022 4:51:37 AM
Surr: BFB	93.0	37.7-212		%Rec	1	9/14/2022 4:51:37 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	9/14/2022 4:51:37 AM
Toluene	ND	0.048		mg/Kg	1	9/14/2022 4:51:37 AM
Ethylbenzene	ND	0.048		mg/Kg	1	9/14/2022 4:51:37 AM
Xylenes, Total	ND	0.096		mg/Kg	1	9/14/2022 4:51:37 AM
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	9/14/2022 4:51:37 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 6:22:59 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-4 3'

Project: Gissler B 90

Collection Date: 9/6/2022 12:54:00 PM

Lab ID: 2209490-015

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/13/2022 11:21:37 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/13/2022 11:21:37 PM
Surr: DNOP	103	21-129		%Rec	1	9/13/2022 11:21:37 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/13/2022 7:40:00 PM
Surr: BFB	107	37.7-212		%Rec	1	9/13/2022 7:40:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	9/13/2022 7:40:00 PM
Toluene	ND	0.049		mg/Kg	1	9/13/2022 7:40:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/13/2022 7:40:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/13/2022 7:40:00 PM
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	9/13/2022 7:40:00 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 6:35:19 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-4 4'

Project: Gissler B 90

Collection Date: 9/6/2022 12:56:00 PM

Lab ID: 2209490-016

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 11:32:38 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/13/2022 11:32:38 PM
Surr: DNOP	89.0	21-129		%Rec	1	9/13/2022 11:32:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/13/2022 7:59:00 PM
Surr: BFB	110	37.7-212		%Rec	1	9/13/2022 7:59:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	9/13/2022 7:59:00 PM
Toluene	ND	0.049		mg/Kg	1	9/13/2022 7:59:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/13/2022 7:59:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/13/2022 7:59:00 PM
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	9/13/2022 7:59:00 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 7:12:21 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-5 1'

Project: Gissler B 90

Collection Date: 9/6/2022 12:24:00 PM

Lab ID: 2209490-017

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	9/13/2022 11:43:38 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	9/13/2022 11:43:38 PM
Surr: DNOP	86.3	21-129		%Rec	1	9/13/2022 11:43:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/13/2022 8:19:00 PM
Surr: BFB	102	37.7-212		%Rec	1	9/13/2022 8:19:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	9/13/2022 8:19:00 PM
Toluene	ND	0.048		mg/Kg	1	9/13/2022 8:19:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/13/2022 8:19:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/13/2022 8:19:00 PM
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	9/13/2022 8:19:00 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	59		mg/Kg	20	9/16/2022 8:14:06 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-5 2'

Project: Gissler B 90

Collection Date: 9/6/2022 12:26:00 PM

Lab ID: 2209490-018

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/13/2022 11:54:36 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/13/2022 11:54:36 PM
Surr: DNOP	93.4	21-129		%Rec	1	9/13/2022 11:54:36 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/13/2022 8:39:00 PM
Surr: BFB	98.3	37.7-212		%Rec	1	9/13/2022 8:39:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	9/13/2022 8:39:00 PM
Toluene	ND	0.050		mg/Kg	1	9/13/2022 8:39:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/13/2022 8:39:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	9/13/2022 8:39:00 PM
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	9/13/2022 8:39:00 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 8:26:27 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-5 3'

Project: Gissler B 90

Collection Date: 9/6/2022 12:28:00 PM

Lab ID: 2209490-019

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/14/2022 12:05:34 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/14/2022 12:05:34 AM
Surr: DNOP	127	21-129		%Rec	1	9/14/2022 12:05:34 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/13/2022 8:58:00 PM
Surr: BFB	102	37.7-212		%Rec	1	9/13/2022 8:58:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	9/13/2022 8:58:00 PM
Toluene	ND	0.047		mg/Kg	1	9/13/2022 8:58:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/13/2022 8:58:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	9/13/2022 8:58:00 PM
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	9/13/2022 8:58:00 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 8:38:48 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	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 range due to dilution or matrix interference		

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Analytical Report

Lab Order 2209490

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NTG Environmental

Client Sample ID: SP-5 4'

Project: Gissler B 90

Collection Date: 9/6/2022 12:30:00 PM

Lab ID: 2209490-020

Matrix: SOIL

Received Date: 9/10/2022 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	9/14/2022 12:16:31 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/14/2022 12:16:31 AM
Surr: DNOP	87.3	21-129		%Rec	1	9/14/2022 12:16:31 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/13/2022 9:18:00 PM
Surr: BFB	102	37.7-212		%Rec	1	9/13/2022 9:18:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	9/13/2022 9:18:00 PM
Toluene	ND	0.048		mg/Kg	1	9/13/2022 9:18:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/13/2022 9:18:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/13/2022 9:18:00 PM
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	9/13/2022 9:18:00 PM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	9/16/2022 8:51:09 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	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 range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2209490

21-Sep-22

Client: NTG Environmental**Project:** Gissler B 90

Sample ID: MB-70223	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 70223	RunNo: 91091								
Prep Date: 9/16/2022	Analysis Date: 9/16/2022	SeqNo: 3259760 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-70223	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 70223	RunNo: 91091								
Prep Date: 9/16/2022	Analysis Date: 9/16/2022	SeqNo: 3259761 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-70236	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 70236	RunNo: 91091								
Prep Date: 9/16/2022	Analysis Date: 9/16/2022	SeqNo: 3259799 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-70236	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 70236	RunNo: 91091								
Prep Date: 9/16/2022	Analysis Date: 9/16/2022	SeqNo: 3259800 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.4	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	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 range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2209490

21-Sep-22

Client: NTG Environmental**Project:** Gissler B 90

Sample ID: LCS-70107	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 70107		RunNo: 91025							
Prep Date: 9/12/2022	Analysis Date: 9/13/2022		SeqNo: 3255463		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	15	50.00	0	77.4	64.4	127			
Surr: DNOP	4.4		5.000		87.4	21	129			

Sample ID: MB-70107	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 70107		RunNo: 91025							
Prep Date: 9/12/2022	Analysis Date: 9/13/2022		SeqNo: 3255465		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.5		10.00		95.2	21	129			

Sample ID: 2209490-001AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SP-1 1'	Batch ID: 70107		RunNo: 91025							
Prep Date: 9/12/2022	Analysis Date: 9/13/2022		SeqNo: 3255747		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	14	45.37	0	77.1	36.1	154			
Surr: DNOP	3.5		4.537		77.6	21	129			

Sample ID: 2209490-001AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SP-1 1'	Batch ID: 70107		RunNo: 91025							
Prep Date: 9/12/2022	Analysis Date: 9/13/2022		SeqNo: 3255748		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	13	44.21	0	76.3	36.1	154	3.65	33.9	
Surr: DNOP	3.3		4.421		75.1	21	129	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	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 range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2209490

21-Sep-22

Client: NTG Environmental**Project:** Gissler B 90

Sample ID: mb-70090	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/14/2022	SeqNo: 3254284 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	920		1000		91.9	37.7	212			

Sample ID: lcs-70090	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/13/2022	SeqNo: 3254285 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB	2000		1000		199	37.7	212			

Sample ID: 2209490-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SP-1 1'	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/13/2022	SeqNo: 3254287 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	24.78	0	94.1	70	130			
Surr: BFB	1900		991.1		191	37.7	212			

Sample ID: 2209490-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SP-1 1'	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/13/2022	SeqNo: 3254288 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	24.83	0	96.5	70	130	2.67	20	
Surr: BFB	1900		993.0		192	37.7	212	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	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 range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2209490

21-Sep-22

Client: NTG Environmental**Project:** Gissler B 90

Sample ID: mb-70090	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/14/2022	SeqNo: 3254325 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	0.86		1.000		85.7	70	130			

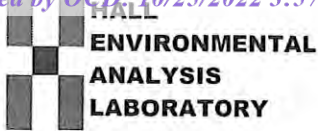
Sample ID: LCS-70090	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/13/2022	SeqNo: 3254326 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.6	80	120			
Toluene	0.94	0.050	1.000	0	94.1	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.0	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

Sample ID: 2209490-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-1 2'	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/13/2022	SeqNo: 3254329 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9709	0	89.3	68.8	120			
Toluene	0.90	0.049	0.9709	0	92.8	73.6	124			
Ethylbenzene	0.90	0.049	0.9709	0	93.1	72.7	129			
Xylenes, Total	2.7	0.097	2.913	0	92.2	75.7	126			
Surr: 4-Bromofluorobenzene	0.86		0.9709		88.6	70	130			

Sample ID: 2209490-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-1 2'	Batch ID: 70090	RunNo: 90976								
Prep Date: 9/11/2022	Analysis Date: 9/13/2022	SeqNo: 3254330 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.024	0.9766	0	86.5	68.8	120	2.68	20	
Toluene	0.88	0.049	0.9766	0	90.1	73.6	124	2.28	20	
Ethylbenzene	0.88	0.049	0.9766	0	90.5	72.7	129	2.29	20	
Xylenes, Total	2.6	0.098	2.930	0	89.9	75.7	126	1.96	20	
Surr: 4-Bromofluorobenzene	0.88		0.9766		89.9	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	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 range due to dilution or matrix interference		



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: 2209490

RcptNo: 1

Received By: Sean Livingston 9/10/2022 8:30:00 AM

Completed By: Sean Livingston 9/10/2022 9:27:11 AM

Reviewed By: TMC 9/10/22

S. Livingston

S. Livingston

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 $>0^{\circ}\text{C}$ 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?
(Note discrepancies on chain of custody) Yes ☒ No ☐
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?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: SEA 9/10/22

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good				

Chain-of-Custody Record

Client: NTG Environmental - Bill Direct to EOG

Mailing Address: 701 Tradewinds Blvd. Suite C

Midland, TX 79706

Phone #: 432-766-1918

email or Fax#: B.Haskell@NTGGlobal.com

QA/QC Package:

☐ StandardAccreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Sampler: Jeremy Reich

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.2 ± 0.1 °C

Project Manager: Becky Haskell

Turn-Around Time:

X Standard ☐ Rush

Project Name: Gissler B #90

Project #: 226196

Project Manager: Becky Haskell

Sampler: Jeremy Reich

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.2 ± 0.1 °C

Project Manager: Becky Haskell

Turn-Around Time:

X Standard ☐ Rush

Project Name: Gissler B #90

Project #: 226196

Project Manager: Becky Haskell

Sampler: Jeremy Reich

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.2 ± 0.1 °C

Project Manager: Becky Haskell

Turn-Around Time:

X Standard ☐ Rush

Project Name: Gissler B #90

Project #: 226196

Project Manager: Becky Haskell

Sampler: Jeremy Reich

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.2 ± 0.1 °C

Project Manager: Becky Haskell

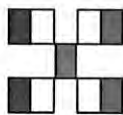
Turn-Around Time:

X Standard ☐ Rush

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
9.6.22	11:34	S	SP-1 1'	Jar / 1	N/A	2209490
9.6.22	11:36	S	SP-1 2'	4 oz / 1	None	001
9.6.22	11:38	S	SP-1 3'	4 oz / 1	None	002
9.6.22	11:40	S	SP-1 4'	4 oz / 1	None	003
9.6.22	11:44	S	SP-2 1'	4 oz / 1	None	004
9.6.22	11:46	S	SP-2 2'	4 oz / 1	None	005
9.6.22	11:48	S	SP-2 3'	4 oz / 1	None	006
9.6.22	11:50	S	SP-2 4'	4 oz / 1	None	007
9.6.22	12:00	S	SP-3 1'	4 oz / 1	None	008
9.6.22	12:08	S	SP-3 2'	4 oz / 1	None	009
9.6.22	12:10	S	SP-3 3'	4 oz / 1	None	010
9.6.22	12:12	S	SP-3 4'	4 oz / 1	None	011
9.6.22	12:12	S	SP-3 4'	4 oz / 1	None	012
Date:	Time:	Relinquished by:	Relinquished by:	Received by:	Via:	Date
9/8/22	12:00	Becky Haskell	Becky Haskell	Becky Haskell	car	9/10/22
Date:	Time:	Relinquished by:	Relinquished by:	Received by:	Via:	Date
9/8/22	1900	Becky Haskell	Becky Haskell	SSC	car	9/10/22

Remarks: Direct Bill to EOG, Attn: Chase Settle

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.


**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

 BTEX: 8021B
 TPH: 8015D (GRO / DRO / MRO)
 Chloride EPA Method 300.0

Chain-of-Custody Record

Client: NTG Environmental - Bill Direct to EOG

Mailing Address: 701 Tradewinds Blvd. Suite C

Midland, TX 79706

Phone #: 432-766-1918

email or Fax#: BHaskell@NTGlocal.com

QA/QC Package:

☐ StandardAccreditation: ☐ AZ Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

X Standard

Rush 5 Day

Project Name: Gissler B #90

Project #: 226196

Project Manager:

Becky Haskell

Sampler: Jeremy Reich JR

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.2 ± 0.5 = 1.2°C

Container Type and #

Preservative Type

HEAL No.

Date Time Matrix Sample Name

9.6.22 12:50 S SP-4 1'

9.6.22 12:52 S SP-4 2'

9.6.22 12:54 S SP-4 3'

9.6.22 12:56 S SP-4 4'

9.6.22 12:24 S SP-5 1'

9.6.22 12:26 S SP-5 2'

9.6.22 12:28 S SP-5 3'

9.6.22 12:30 S SP-5 4'

Date:

9/9/22 12:00

Relinquished by:

JR

Date:

9/9/22 1900

Relinquished by:

BHaskell

Received by:

BHaskell

Via:

Date Time

Received by:

Date Time

Date Time

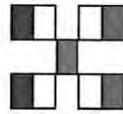
9/9/22 1200

Date Time

9/10/22 8:30

Remarks: Direct Bill to EOG, Attn: Chase Settle

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.


**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

 BTEX: 8021B
 TPH: 8015D (GRO / DRO / MRO)
 Chloride EPA Method 300.0



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

September 13, 2022

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GISSLER B #90

Enclosed are the results of analyses for samples received by the laboratory on 09/12/22 13:36.

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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 6 0' (H224184-01)

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	09/13/2022	ND	1.98	98.8	2.00	11.4	
Toluene*	<0.050	0.050	09/13/2022	ND	1.97	98.7	2.00	11.1	
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	1.92	96.2	2.00	11.3	
Total Xylenes*	<0.150	0.150	09/13/2022	ND	6.04	101	6.00	11.5	
Total BTEx	<0.300	0.300	09/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/13/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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*=Accredited Analyte

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 6 1' (H224184-02)

BTX 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	09/13/2022	ND	1.98	98.8	2.00	11.4		
Toluene*	<0.050	0.050	09/13/2022	ND	1.97	98.7	2.00	11.1		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	1.92	96.2	2.00	11.3		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	6.04	101	6.00	11.5		
Total BTX	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 6 2' (H224184-03)

BTX 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	09/13/2022	ND	1.98	98.8	2.00	11.4		
Toluene*	<0.050	0.050	09/13/2022	ND	1.97	98.7	2.00	11.1		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	1.92	96.2	2.00	11.3		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	6.04	101	6.00	11.5		
Total BTX	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 6 3' (H224184-04)

BTX 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	09/13/2022	ND	1.98	98.8	2.00	11.4		
Toluene*	<0.050	0.050	09/13/2022	ND	1.97	98.7	2.00	11.1		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	1.92	96.2	2.00	11.3		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	6.04	101	6.00	11.5		
Total BTX	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 6 4' (H224184-05)

BTX 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	09/13/2022	ND	1.98	98.8	2.00	11.4		
Toluene*	<0.050	0.050	09/13/2022	ND	1.97	98.7	2.00	11.1		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	1.92	96.2	2.00	11.3		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	6.04	101	6.00	11.5		
Total BTX	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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: 09/12/2022
Reported: 09/13/2022
Project Name: GISSLER B #90
Project Number: 226196
Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP - 7 0' (H224184-06)

BTX 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	09/13/2022	ND	1.98	98.8	2.00	11.4	
Toluene*	<0.050	0.050	09/13/2022	ND	1.97	98.7	2.00	11.1	
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	1.92	96.2	2.00	11.3	
Total Xylenes*	<0.150	0.150	09/13/2022	ND	6.04	101	6.00	11.5	
Total BTX	<0.300	0.300	09/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/13/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 7 1' (H224184-07)

BTX 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	09/13/2022	ND	1.98	98.8	2.00	11.4		
Toluene*	<0.050	0.050	09/13/2022	ND	1.97	98.7	2.00	11.1		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	1.92	96.2	2.00	11.3		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	6.04	101	6.00	11.5		
Total BTX	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/13/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 7 2' (H224184-08)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/13/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 7 3' (H224184-09)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 7 4' (H224184-10)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/13/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 1 0' (H224184-11)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1740	16.0	09/13/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	1190	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	240	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.9 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 2 0' (H224184-12)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	09/13/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	253	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	101	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 3 0' (H224184-13)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-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	09/13/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	96.6	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	53.3	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 4 0' (H224184-14)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	09/13/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	58.0	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	28.2	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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: 09/12/2022
 Reported: 09/13/2022
 Project Name: GISSLER B #90
 Project Number: 226196
 Project Location: EOG - EDDY CO NM

Sampling Date: 09/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SP - 5 0' (H224184-15)

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	09/13/2022	ND	2.00	99.8	2.00	10.7		
Toluene*	<0.050	0.050	09/13/2022	ND	2.36	118	2.00	12.4		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.35	118	2.00	13.5		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.28	121	6.00	14.7		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	09/13/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	236	118	200	1.60	
DRO >C10-C28*	17.4	10.0	09/13/2022	ND	203	102	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
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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A handwritten signature in black ink, appearing to read "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: NTG Environmental Project Manager: Becky Hodge Address: 701 Tradeands Blvd Suite C City: Midland State: TX Zip: 79706 Phone #: 432-766-1918 Fax #: 379-0000 Project #: 26196 Project Owner: Project Name: Gissler B# 90 Project Location: Eddy Co, NM Sampler Name: Jeremy Reid										P.O. #: Company: Dred RV Co Attn: Eddy Address: Amber Grooms City: State: Zip: Phone #: Fax #:		BILL TO		ANALYSIS REQUEST					
FOR LAB USE ONLY																			
Lab I.D. H22484		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME		BTEX E021 B TPH E015 D (GRO/DRO/MRO) CHLORIDE EPA method 8000		4500.00			
				MATRIX		PRESERV.		SAMPLING											
11 SP-1 0' C 1 12 SP-2 0' C 1 13 SP-3 0' C 1 14 SP-4 0' C 1 15 SP-5 0' C 1																			
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Relinquished By: [Signature] Date: 9/12/12 Received By: [Signature] Date: 9/12/12 Time: 1:30 Date: 1330 Received By: [Signature]										Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:									
Relinquished By: [Signature]																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Observed Temp. °C 24.9 Corrected Temp. °C 24.3		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature] (Initials)		Turnaround Time: Thermometer ID #113 Correction Factor -0.6°C		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C	
REMARKS:																			

Report to:
Becky Haskell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Gissler #90 226196

Work Order: E209172

Job Number: 19034-0001

Received: 9/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/6/22

Becky Haskell
911 Regional Park Dr.
Houston, TX 77060



Project Name: Gissler #90 226196
Workorder: E209172
Date Received: 9/29/2022 10:20:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2022 10:20:00AM, under the Project Name: Gissler #90 226196.

The analytical test results summarized in this report with the Project Name: Gissler #90 226196 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/06/22 12:31
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-16 @ 6"	E209172-01A	Soil	09/27/22	09/29/22	Glass Jar, 4 oz.
BH-17 @ 6"	E209172-02A	Soil	09/27/22	09/29/22	Glass Jar, 4 oz.
BH-18 6"	E209172-03A	Soil	09/27/22	09/29/22	Glass Jar, 4 oz.
BH-19 6"	E209172-04A	Soil	09/27/22	09/29/22	Glass Jar, 4 oz.
BH-20 6"	E209172-05A	Soil	09/27/22	09/29/22	Glass Jar, 4 oz.
BH-21 6"	E209172-06A	Soil	09/27/22	09/29/22	Glass Jar, 4 oz.
BH-1 4'	E209172-07A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH-2 4'	E209172-08A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH3 4'	E209172-09A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH4 4'	E209172-10A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
SW1 0 - 4'	E209172-11A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
SW2 0 - 4'	E209172-12A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH5 1'	E209172-13A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH6 1'	E209172-14A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH7 1'	E209172-15A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH8 1'	E209172-16A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH9 1'	E209172-17A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH10 1'	E209172-18A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH11 1'	E209172-19A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH12 1'	E209172-20A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH13 1'	E209172-21A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH14 1'	E209172-22A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
BH15 1'	E209172-23A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
SW3 0 - 1'	E209172-24A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.
SW4 0 - 6'	E209172-25A	Soil	09/28/22	09/29/22	Glass Jar, 4 oz.



Case Narrative:

Revision 1.0 was issued with the data incorrectly uploaded for sample #23 and #24 chloride analysis.

The data in revision 2.0 was corrected for that oversight.

If you have any questions regarding this report please feel free to contact Envirotech Inc.

Respectfully,

Walter Hinchman



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-16 @ 6"

E209172-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.3 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.3 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	102 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	303	20.0	1	10/03/22	10/04/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-17 @ 6"

E209172-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	95.8 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	95.8 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	100 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	253	20.0	1	10/03/22	10/04/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-18 6"

E209172-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.5 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.5 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	96.8 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	253	20.0	1	10/03/22	10/04/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-19 6"

E209172-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	93.7 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	93.7 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	101 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	291	20.0	1	10/03/22	10/04/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-20 6"

E209172-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.7 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.7 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	99.8 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	269	20.0	1	10/03/22	10/04/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-21 6"

E209172-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	98.6 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	98.6 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	100 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	303	20.0	1	10/03/22	10/04/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-1 4'

E209172-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.4 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.4 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	97.6 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	868	20.0	1	10/03/22	10/04/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH-2 4'

E209172-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	96.3 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	96.3 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
Surrogate: n-Nonane	103 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	927	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH3 4'

E209172-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene		105 %	70-130	09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/29/22	10/01/22	
Surrogate: Toluene-d8		96.2 %	70-130	09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene		105 %	70-130	09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/29/22	10/01/22	
Surrogate: Toluene-d8		96.2 %	70-130	09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane		99.7 %	50-200	09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	596	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH4 4'

E209172-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.8 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	97.8 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	102 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	532	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

SW1 0 - 4'

E209172-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	98.4 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		09/29/22	10/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/01/22	
Surrogate: Toluene-d8	98.4 %	70-130		09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	101 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	864	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

SW2 0 - 4'

E209172-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	97.2 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	97.2 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	103 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	1210	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH5 1'

E209172-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	94.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	94.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	102 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	568	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH6 1'

E209172-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	104 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	583	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH7 1'

E209172-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	98.3 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	98.3 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	103 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	571	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH8 1'

E209172-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.7 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.7 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	91.4 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	539	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH9 1'

E209172-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	99.8 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	170	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH10 1'

E209172-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	95.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	95.4 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	97.9 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	157	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH11 1'

E209172-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.1 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.1 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	102 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	158	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH12 1'

E209172-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Benzene	ND	0.0250	1	09/29/22	10/02/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/02/22	
Toluene	ND	0.0250	1	09/29/22	10/02/22	
o-Xylene	ND	0.0250	1	09/29/22	10/02/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/02/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240086
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		09/29/22	10/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		09/29/22	10/02/22	
Surrogate: Toluene-d8	96.2 %	70-130		09/29/22	10/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240088
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	10/01/22	
Surrogate: n-Nonane	101 %	50-200		09/30/22	10/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241022
Chloride	1060	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH13 1'

E209172-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240082
Benzene	ND	0.0250	1	09/29/22	09/30/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/30/22	
Toluene	ND	0.0250	1	09/29/22	09/30/22	
o-Xylene	ND	0.0250	1	09/29/22	09/30/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/30/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	76.5 %	70-130		09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240090
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241021
Chloride	1010	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH14 1'

E209172-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2240082	
Benzene	ND	0.0250	1	09/29/22	09/30/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/30/22	
Toluene	ND	0.0250	1	09/29/22	09/30/22	
o-Xylene	ND	0.0250	1	09/29/22	09/30/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/30/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2240082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.8 %	70-130		09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2240090	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2241021	
Chloride	1430	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

BH15 1'

E209172-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2240082	
Benzene	ND	0.0250	1	09/29/22	09/30/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/30/22	
Toluene	ND	0.0250	1	09/29/22	09/30/22	
o-Xylene	ND	0.0250	1	09/29/22	09/30/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/30/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2240082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.0 %	70-130	09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2240090	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2241021	
Chloride	959	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

SW3 0 - 1'

E209172-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2240082	
Benzene	ND	0.0250	1	09/29/22	09/30/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/30/22	
Toluene	ND	0.0250	1	09/29/22	09/30/22	
o-Xylene	ND	0.0250	1	09/29/22	09/30/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/30/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2240082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.7 %	70-130		09/29/22	09/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2240090	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2241021	
Chloride	850	20.0	1	10/03/22	10/05/22	



Sample Data

NTG-New Tech Global Environmental
911 Regional Park Dr.
Houston TX, 77060

Project Name: Gissler #90 226196
Project Number: 19034-0001
Project Manager: Becky Haskell

Reported:
10/6/2022 12:31:07PM

SW4 0 - 6'

E209172-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240082
Benzene	ND	0.0250	1	09/29/22	10/01/22	
Ethylbenzene	ND	0.0250	1	09/29/22	10/01/22	
Toluene	ND	0.0250	1	09/29/22	10/01/22	
o-Xylene	ND	0.0250	1	09/29/22	10/01/22	
p,m-Xylene	ND	0.0500	1	09/29/22	10/01/22	
Total Xylenes	ND	0.0250	1	09/29/22	10/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240082
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	10/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.8 %	70-130	09/29/22	10/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240090
Diesel Range Organics (C10-C28)	37.6	25.0	1	09/30/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/22	09/30/22	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	09/30/22	09/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2241021
Chloride	250	20.0	1	10/03/22	10/05/22	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/6/2022 12:31:07PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2240086-BLK1)

Prepared: 09/29/22 Analyzed: 10/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.8	70-130			

LCS (2240086-BS1)

Prepared: 09/29/22 Analyzed: 10/01/22

Benzene	2.01	0.0250	2.50		80.5	70-130			
Ethylbenzene	1.99	0.0250	2.50		79.4	70-130			
Toluene	1.98	0.0250	2.50		79.1	70-130			
o-Xylene	2.01	0.0250	2.50		80.5	70-130			
p,m-Xylene	3.96	0.0500	5.00		79.2	70-130			
Total Xylenes	5.97	0.0250	7.50		79.6	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS Dup (2240086-BSD1)

Prepared: 09/29/22 Analyzed: 10/01/22

Benzene	2.17	0.0250	2.50		86.8	70-130	7.56	23	
Ethylbenzene	2.14	0.0250	2.50		85.5	70-130	7.37	27	
Toluene	2.13	0.0250	2.50		85.1	70-130	7.26	24	
o-Xylene	2.16	0.0250	2.50		86.2	70-130	6.91	27	
p,m-Xylene	4.23	0.0500	5.00		84.7	70-130	6.70	27	
Total Xylenes	6.39	0.0250	7.50		85.2	70-130	6.77	27	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/6/2022 12:31:07PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2240082-BLK1)

Prepared: 09/29/22 Analyzed: 09/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			

LCS (2240082-BS1)

Prepared: 09/29/22 Analyzed: 09/30/22

Benzene	5.04	0.0250	5.00		101	70-130			
Ethylbenzene	4.13	0.0250	5.00		82.6	70-130			
Toluene	4.39	0.0250	5.00		87.8	70-130			
o-Xylene	4.19	0.0250	5.00		83.8	70-130			
p,m-Xylene	8.39	0.0500	10.0		83.9	70-130			
Total Xylenes	12.6	0.0250	15.0		83.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

LCS Dup (2240082-BSD1)

Prepared: 09/29/22 Analyzed: 09/30/22

Benzene	5.23	0.0250	5.00		105	70-130	3.51	20	
Ethylbenzene	4.29	0.0250	5.00		85.9	70-130	3.84	20	
Toluene	4.56	0.0250	5.00		91.1	70-130	3.79	20	
o-Xylene	4.36	0.0250	5.00		87.2	70-130	4.02	20	
p,m-Xylene	8.72	0.0500	10.0		87.2	70-130	3.94	20	
Total Xylenes	13.1	0.0250	15.0		87.2	70-130	3.96	20	
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Gissler #90 226196	Reported: 10/6/2022 12:31:07PM
911 Regional Park Dr.	Project Number:	19034-0001	
Houston TX, 77060	Project Manager:	Becky Haskell	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2240082-BLK1)					Prepared: 09/29/22 Analyzed: 09/30/22				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.49		8.00		81.1	70-130			

LCS (2240082-BS2)					Prepared: 09/29/22 Analyzed: 09/30/22				
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			

LCS Dup (2240082-BSD2)					Prepared: 09/29/22 Analyzed: 09/30/22				
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130	4.26	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.7	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/6/2022 12:31:07PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2240086-BLK1)

Prepared: 09/29/22 Analyzed: 10/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.8	70-130			

LCS (2240086-BS2)

Prepared: 09/29/22 Analyzed: 10/01/22

Gasoline Range Organics (C6-C10)	37.9	20.0	50.0		75.8	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

LCS Dup (2240086-BSD2)

Prepared: 09/29/22 Analyzed: 10/01/22

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130	8.00	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/6/2022 12:31:07PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2240088-BLK1)

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.9	50-200			

LCS (2240088-BS1)

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	48.0		50.0		95.9	50-200			

Matrix Spike (2240088-MS1)

Source: E209172-09

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	48.4		50.0		96.9	50-200			

Matrix Spike Dup (2240088-MSD1)

Source: E209172-09

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132	0.952	20	
Surrogate: n-Nonane	48.9		50.0		97.7	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/6/2022 12:31:07PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2240090-BLK1)

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.1	50-200			

LCS (2240090-BS1)

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	52.1		50.0		104	50-200			

Matrix Spike (2240090-MS1)

Source: E209175-01

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	52.9		50.0		106	50-200			

Matrix Spike Dup (2240090-MSD1)

Source: E209175-01

Prepared: 09/30/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132	0.0970	20	
Surrogate: n-Nonane	52.4		50.0		105	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/6/2022 12:31:07PM
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Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2241021-BLK1)					Prepared: 10/03/22 Analyzed: 10/05/22				
Chloride	ND	20.0							
LCS (2241021-BS1)					Prepared: 10/03/22 Analyzed: 10/05/22				
Chloride	265	20.0	250		106	90-110			
LCS Dup (2241021-BSD1)					Prepared: 10/03/22 Analyzed: 10/05/22				
Chloride	263	20.0	250		105	90-110	0.912	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gissler #90 226196 Project Number: 19034-0001 Project Manager: Becky Haskell	Reported: 10/6/2022 12:31:07PM
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Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2241022-BLK1)						Prepared: 10/03/22 Analyzed: 10/04/22			
Chloride	ND	20.0							
LCS (2241022-BS1)						Prepared: 10/03/22 Analyzed: 10/04/22			
Chloride	247	20.0	250		98.7	90-110			
LCS Dup (2241022-BSD1)						Prepared: 10/03/22 Analyzed: 10/04/22			
Chloride	246	20.0	250		98.5	90-110	0.211	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Gissler #90 226196	
911 Regional Park Dr.	Project Number:	19034-0001	Reported:
Houston TX, 77060	Project Manager:	Becky Haskell	10/06/22 12:31

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client: NTG Environmental		Bill To		Lab Use Only		TAT			EPA Program					
Project: Gissler #90 206196		Attention: DIRECT BILL EOG / CO: Amber Griffin		Lab WO# E209172		Job Number 19034-0001			1D	2D	3D	Standard	CWA	SDWA
Project Manager: Becky Haskell		Address: *Amber Griffin		Address: E209172		Analysis and Method								
Address: 701 Tradewinds Blvd Suite C		City, State, Zip		City, State, Zip										RCRA
Midland Tx, 79706		Phone:		Phone:										
Phone:		Email:		Email:										
Email: bhaskell@ntglobal.com														
Report due by:														

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	GDOC TX	Remarks
13:30	9/27	S	1402	BH-16 @ 6"	1	X	X			X			
13:32	9/27	S	1402	BH-17 @ 6"	2	X	X			X			
13:34	9/27	S	1402	BH-18 6"	3	X	X			X			
13:36	9/27	S	1	BH-19 6"	4	X	X			X			
13:38	9/27	S	1	BH-20 6"	5	X	X			X			
13:40	9/27	S	1	BH-21 6"	6	X	X			X			
11:50	9/28	S	1	BH-1 4'	7	X	X			X			
11:02	9/28	S	1	BH-2 4'	8	X	X			X			
11:04	9/28	S	1	BH-3 4'	9	X	X			X			
11:06	9/28	S	1	BH-4 4'	10	X	X			X			
11:08	9/28	S	1	SW-1 0-4'	11	X	X			X			
11:10	9/28	S	1	SW-2 0-4'	12	X	X			X			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date 9/28	Time 14:00	Received by: (Signature)	Date 9/28	Time 3:00	Lab Use Only Received on ice: Y/ N T1 T2 T3 AVG Temp °C 4
Relinquished by: (Signature)	Date 9/28	Time 4:13	Received by: (Signature)	Date 9/29	Time 10:20	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Project Information

Chain of Custody

Page 2 of 2

Client: NTG Environmental					Bill To					Lab Use Only					TAT				EPA Program	
Project: Gissler #90 226196					Attention: DIRECT BILL EOG / CO: Amber Griffin					Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA
Project Manager: Becky Haskell					Address: Amber Griffin					E209172		19034-000								
Address: 701 Tradewinds Blvd Suite C					City, State, Zip					Analysis and Method										
Midland Tx, 79706					Phone:															
Phone:					Email:															
Email: bhaskell@ntglobal.com																				
Report due by:																				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	State							
													NM	CO	UT	AZ	TX			
													Remarks							
11:32	9/28	S	1402	BH 5 1'	13	X	X			X										
11:34	9/28	S	1	BH 6 1'	14	X	X			X										
11:36	9/28	S	1	BH 7 1'	15	X	X			X										
11:38	9/28	S	1	BH 8 1'	16	X	X			X										
12:00	9/28	S	1	BH 9 1'	17	X	X			X										
12:02	9/28	S	1	BH 10 1'	18	X	X			X										
12:04	9/28	S	1	BH 11 1'	19	X	X			X										
12:06	9/28	S	1	BH 12 1'	20	X	X			X										
12:30	9/28	S	1	BH 13 1'	21	X	X			X										
12:32	9/28	S	1	BH 14 1'	22	X	X			X										
12:34	9/28	S	1	BH 15 1'	23	X	X			X										
12:38	9/28	S	1	SW 3 0-6"	24	X	X			X										
12:40	9/28	S	1	SW 4 0-6"	25	X	X			X										
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: Y N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 9/29/2022 12:57:50PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	09/29/22 10:20	Work Order ID:	E209172
Phone:	(281) 872-9300	Date Logged In:	09/28/22 15:42	Logged In By:	Caitlin Christian
Email:	bhaskell@ntglobal.com	Due Date:	10/05/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



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

October 13, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GISSLER B #90

Enclosed are the results of analyses for samples received by the laboratory on 10/12/22 15:39.

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
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/12/2022
 Reported: 10/13/2022
 Project Name: GISSLER B #90
 Project Number: 226201
 Project Location: EOG - EDDY CO NM

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: BH - 12 A (2') (H224802-01)

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	10/12/2022	ND	2.19	109	2.00	5.31	
Toluene*	<0.050	0.050	10/12/2022	ND	2.07	104	2.00	5.61	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.01	101	2.00	5.24	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.06	101	6.00	5.39	
Total BTEX	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/13/2022	ND	400	100	400	3.92	

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	10/12/2022	ND	201	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	204	102	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/12/2022
 Reported: 10/13/2022
 Project Name: GISSLER B #90
 Project Number: 226201
 Project Location: EOG - EDDY CO NM

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: BH - 13 A (2') (H224802-02)

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	10/12/2022	ND	2.19	109	2.00	5.31	
Toluene*	<0.050	0.050	10/12/2022	ND	2.07	104	2.00	5.61	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.01	101	2.00	5.24	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.06	101	6.00	5.39	
Total BTEx	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/13/2022	ND	400	100	400	3.92	

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	10/12/2022	ND	201	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	204	102	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/12/2022
 Reported: 10/13/2022
 Project Name: GISSLER B #90
 Project Number: 226201
 Project Location: EOG - EDDY CO NM

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: BH - 14 A (2') (H224802-03)

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	10/12/2022	ND	2.19	109	2.00	5.31		
Toluene*	<0.050	0.050	10/12/2022	ND	2.07	104	2.00	5.61		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.01	101	2.00	5.24		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.06	101	6.00	5.39		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

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	10/13/2022	ND	201	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	204	102	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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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
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/12/2022
 Reported: 10/13/2022
 Project Name: GISSLER B #90
 Project Number: 226201
 Project Location: EOG - EDDY CO NM

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 A (H224802-04)

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	10/12/2022	ND	2.19	109	2.00	5.31		
Toluene*	<0.050	0.050	10/12/2022	ND	2.07	104	2.00	5.61		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.01	101	2.00	5.24		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.06	101	6.00	5.39		
Total BTEX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

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	10/13/2022	ND	201	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	204	102	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/12/2022
 Reported: 10/13/2022
 Project Name: GISSLER B #90
 Project Number: 226201
 Project Location: EOG - EDDY CO NM

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 A (H224802-05)

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	10/12/2022	ND	2.19	109	2.00	5.31		
Toluene*	<0.050	0.050	10/12/2022	ND	2.07	104	2.00	5.61		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.01	101	2.00	5.24		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.06	101	6.00	5.39		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	10/13/2022	ND	400	100	400	3.92		

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	10/13/2022	ND	201	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	204	102	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/12/2022
 Reported: 10/13/2022
 Project Name: GISSLER B #90
 Project Number: 226201
 Project Location: EOG - EDDY CO NM

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (H224802-06)

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	10/12/2022	ND	2.19	109	2.00	5.31	
Toluene*	<0.050	0.050	10/12/2022	ND	2.07	104	2.00	5.61	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.01	101	2.00	5.24	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.06	101	6.00	5.39	
Total BTEx	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

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	10/13/2022	ND	400	100	400	3.92	

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	10/13/2022	ND	201	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	204	102	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 10/12/2022
 Reported: 10/13/2022
 Project Name: GISSLER B #90
 Project Number: 226201
 Project Location: EOG - EDDY CO NM

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (H224802-07)

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	10/12/2022	ND	2.19	109	2.00	5.31	
Toluene*	<0.050	0.050	10/12/2022	ND	2.07	104	2.00	5.61	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.01	101	2.00	5.24	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.06	101	6.00	5.39	
Total BTEx	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/13/2022	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	10/13/2022	ND	201	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	204	102	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Notes and Definitions

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

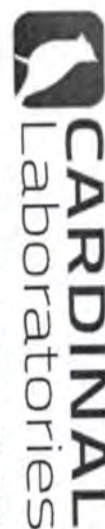
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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

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

[illegible]

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 153600

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 153600
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/28/2023