District 1 1625 N. French Dr., Hobbs, NM 88240 District 11 811 S. First St., Artesia, NM 88210 District 111 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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State of New Mexico Energy Minerals and Natural Resources

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

NM OIL CONSERVATION ARTESIA DISTRICT

AUG 15 2017

Form C-141 Revised August 8, 2011

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Submit 1 Copy to appropriate District Office in **RECEIVER** ance with 19.15.29 NMAC.

			Rel	ease Notifie	catior	and Co	orrective A	ctio	n	-			
NABI	7228	333194	ł			OPEI	RATOR		X Ir	itial Report	Final Repor		
		Burnett Oil C		5080			nnny Titsworth						
Address: Bu Facility Nat			St-Unit 9, F	ort Worth, TX 76102		Telephone No. (432) 425-2891 Facility Type: Well Location							
							Je. Well Localic)		······································			
Surface Owner: BLM Mineral Owner: BLM API No. 30-015-40411													
				LOCA		N OF RE	LEASE						
Unit Letter C	Section 12	Township 17S	Range 30E	Feet from the 207	North/ FNL	South Line	Feet from the 2024	East/ FWL	West Line	County Eddy			
				Latitude: 32	2.85586	Longitud	e: -103.92744			<u>t</u>			
				NAT	URE	OF REL	and the second						
Type of Rele Source of Re							Release: 19/1 four of Occurrence			Recovered 10 bb			
Source of Re	icase. well	licau				8/12/17 6:		.e;	8/12/17 7	Hour of Discove 7:00 am	ry		
Was Immedi	ate Notice (If YES, To			·····				
D. 11/1. 0 1	1		Yes []	No 🗌 Not Rec	luired	OCD-M.		M – S. '	l'ucker				
By Whom? J Was a Water	course Rea	worth					Jour: 8/12/17 8:11 Jume Impacting		ercourse.				
			Yes X	No			В						
If a Watercon	urse was Im	pacted, Descr	ibe Fully.	*		I			,	······			
N/A													
IWA													
regulatory sta Describe Are	andards.	and Cleanup /	Action Tal	; fluid has been pi ken.* on, with a 10'x15'				··					
regulations a public health should their o or the enviro	Il operators or the envi operations h nment. In a	are required t ronment. The nave failed to a	o report an acceptant adequately OCD accept	e is true and comp nd/or file certain r ce of a C-141 repover v investigate and r otance of a C-141	elease no ort by the emediate	otifications a NMOCD m contaminat	nd perform correct arked as "Final R ion that pose a thr the operator of	ctive ac ceport" real to g respons	tions for rele does not reli round water sibility for c	eases which may ieve the operator r, surface water, h ompliance with a	endanger of liability uman health		
Signature:	Chs	K							11 ,	DIVISION			
Printed Name, Johnny Titsworth Approved by Environmental Specialist A Standard													
Title: HSE C	Coordinator					Approval Da	81511	7	Expiration	Date: NIA			
		rth@burnettoi		(22) 428 2801	!	Conditions o	f Approval:	at	tarka	Mattaohed	43N		
	/15/17 tional She	ets If Necess	rnone: (4 arv	432) 425-2891 W	/WW.er	nnra.state				TVIN	In		
				Currer	nt form	S are avai	lable on our						
				websit	te and	should he	used when						
				filin	gregu	latory doc	unonte						
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Received by OCD: 9/28/2022 1:56:23 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 2 of 165
Incident ID	nAB1722833194
District RP	2RP-4306
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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 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)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🛛 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
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Page 4 Oil Conserva	ew Mexico tion Division	Incident ID District RP Facility ID	Page 3 of 1 nAB1722833194 2RP-4306
I hereby certify that the information given above is true a regulations all operators are required to report and/or file public health or the environment. The acceptance of a C- failed to adequately investigate and remediate contamina addition, OCD acceptance of a C-141 report does not reliand/or regulations.	certain release notifications and perform c -141 report by the OCD does not relieve th tion that pose a threat to groundwater, surf eve the operator of responsibility for comp	orrective actions for rele e operator of liability sh ace water, human health	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
Printed Name: <u>Chase Settle</u> Signature: <u>Chase Settle</u>	Nep Sale Date:09/27/202	-	
email: Chase_Settle@eogresources.com	m Telephone: <u>575</u> .	-748-1471	
OCD Only Received by: Jocelyn Harimon	Date:09/	28/2022	

Page 6

Oil Conservation Division

Page 4 of 165

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:
 09/27/2022

 Printed Name: Chase Settle email: Chase_Settle@eogresources.com Telephone: 575-748-1471 **OCD Only** Jocelyn Harimon Date: 09/28/2022 Received by: 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:
 10/6/2022

 Printed Name:
 Ashley Maxwell
 Title:
 Environmeter

 Title: Environmental Specialist

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



September 27, 2022

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

Re: Site Closure Report Gissler B #62 EOG Resources Inc. Incident ID: nAB1722833194 C-12-17S-30E, Eddy County, New Mexico

To Whom it May Concern:

1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of EOG Resources (EOG), submits this Site Closure Report to the New Mexico Oil Conservation Division (NMCOD) District 2 Office. This report provides documentation of delineation, sampling, remedial activities, and analyses conducted in the affected area at the EOG Gissler B #62 Release Site (Site). The Site is located in Unit Letter C, Section 12, of Township 17 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.85586° N latitude and -103.92744° 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

This location belonged to Burnett Oil Co., Inc. (Burnett) at the time of the release. Burnett submitted a C-141, Release Notification and Corrective Action, form dated August 15, 2017, to the NMOCD. The C-141 states the release was due to a failed union on the wellhead.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number nAB1722833194. 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 18, 2021, Talon LPE (Talon) installed a soil boring at GPS corrdinates 32.85697° N latitude and -103.92703° W longitude to approximately one hundred twenty five (125) feet below ground surface. The depth to groundwater soil boring is located approximately 480 feet north of the Site.The soil boring was left open for seventy-two hours and a water level meter was utilized to determine the presence or absence of groundwater. No groundwater was 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 in Table I in NMAC 19.15.29.12. The Site characterization documentation (Points of Diversion, Depth to Groundwater Location Map, Talon Boring Log, Karst Potential, Significant Watercourse Map, Welands Map, andFEMA 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

Regulatory Standard	Chloride	TPH	TPH	BTEX	Benzene
		(GRO+DRO+MR	(GRO+MRO)		
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					

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

4. Initial Soil Delineation Assessment Summary and Findings

On October 11th, 2017, Burnett Oil Co., Inc. 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) by EPA method 8021B, total petroleum hydrocarbons (TPH) by method 8015 modified, and chloride by EPA method 300.0 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico. None of the sample points exhibited concentrations exceeding Table I Closure Criteria for groundwater greater than



one hundred feet. However, three (3) of the seven (7) sample points exhibited TPH and/or chloride concentrations exceeding 19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 Feet) Closure Criteria, SP-2, SP-3, and SP-4. Most of the samples collected by Burnett were not analyzed for BTEX and TPH. Figure 2, Site Assessment: Sample Location Map, depicts the locations of the initial delineation samples. Analytical results are provided on Table 2, Summary of Soil Analtyical Data – Delineation Samples, and in the Laboratory Analytical Reports provided in attachment D.

Subsquent to EOG purchasing the location from Burnett, EOG installed seven (7) sample points, SP-1 through SP-7 on July 29, 2020. Samples were collected from depths ranging from surface to five (5) feet below ground surface. All soil samples were analyzed for BTEX by EPA method 8021B, TPH by method 8015 modified, and chloride by EPA method 300.0 by Envirotech Anlytical Laboratory (Envortech) in Farmington, New Mexico. One (1) sample point, SP-3 exhibitied TPH concentrations above Table I Closure Criteria for groundwater greater than one hundred feet. One other sample point, SP-4, exhibited chloride concentrations exceeding 19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 Feet) Closure Criteria. Figure 2, Site Assessment: Sample Location Map, depicts the locations of the initial delineation samples. Analytical results are provided on Table 2, Summary of Soil Analtyical Data – Delineation Samples, and in the Laboratory Analytical Reports provided in attachment D.

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 Standard Safety and Supply (SS) mobilized to the site on September 1, 2022, to excavate the affected soils. Excavation activities continued through September 2, 2022. The eastern excavation measured approximately 951 square feet and was excavated to a depth of approximately two (2) feet below ground surface. The surface area of the western excavation measured approximately 931 square feet and was excavated to a depth of approximately two and one-half (2.5) feet below ground surface. As shown on Figure 3, four (4) sidewall (SW-1 through SW-4) and ten (10) bottom hole (BH-1 through BH-10) composite confirmation samples were collected. Composite samples represented areas no larger than two hundred (200) square feet. All confirmation samples were taken to HEAL in Albuquerque, 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 all bottom hole and sidewall confirmation samples exhibited 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 1, Summary of Soil Analtyical Data – Confirmation Samples, Figure 3, 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 198.43 tons of impacted soil were disposed at Lea Land, LLC, the waste manifest from September 12, 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. nAB1722833194 Closure Request

The excavation was backfilled with non-impacted material on September 16 through 19, 2022. 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 nAB1722833194.

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

Rebena Haskell

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







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Table 1 Summary of Soil Analytical Data - Confirmaiton Samples Gissler B #62 EOG Resources Eddy County, New Mexico

							-	1						
			_							ТРН	r			
		Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total	Chloride	
								(C6-C-10)	(C10-C28)		(C28-C35)	GRO/DRO/MRO		
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(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 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg	
					Bottom	Hole Confiri	naiton Sam	ples						
BH-1	9/1/2022	2.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	460	
BH-2	9/1/2022	2.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	110	
BH-3	9/1/2022	2.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	
BH-4	9/2/2022	2.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	
BH-5	9/2/2022	2.0'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	
BH-6	9/2/2022	2.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	87	
BH-7	9/2/2022	2.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	130	
BH-8	9/2/2022	2.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	200	
BH-9	9/2/2022	2.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	260	
BH-10	9/2/2022	2.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	290	
					Sidew	all Confirma	tion Sample	es						
SW-1	9/2/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	290	
SW-2	9/2/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	330	
SW-3	9/2/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	
SW-4	9/2/2022	Sidewall	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	61	

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).

9. --- Not Analyzed

Table 2 Summary of Soil Analytical Data - Delineation Samples Gissler B #62 EOG Resources Eddy County, New Mexico

										TPH			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	IPR	MRO	Total	Chloride
		Depth	Delizene	Toluelle	Luiyibenzene	Ayleffes	DILX	(C6-C-10)	(C10-C28)	GRO + DRO	(C28-C35)	GRO/DRO/MRO	cillonde
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		(it bgs)	(6/6/	(6/6/						dwater 19.15.29		(***6/	(***6/
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
			10 116/16			tt Oil Co. Ini				1,000 11.6/ 1.6		2,000 116/16	20,000 mg/ kg
SP1	10/11/2017	0-1	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.7	<9.7	<49	<49	<30
SP1	10/11/2017	1-2											<30
SP1 SP1	10/11/2017	2-3											<30
SP1	10/11/2017	3-4											<30
SP2	10/11/2017	0-1											290
SP2	10/11/2017	1-2											35
SP2	10/11/2017	2-3											<30
SP2	10/11/2017	3-4											91
SP2	10/11/2017	4-5											120
SP2	10/11/2017	5-6											220
SP2 SP2	10/11/2017 10/11/2017	6-7 7-8											420 1,200
SP2 SP2	10/11/2017	8-9											,
5P2	10/11/2017	8-9											1,200
SP3	10/11/2017	0-1	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	640	640	570	1,210	1,500
SP3	10/11/2017	1-2											1,500
SP3	10/11/2017	2-3											100
SP3	10/11/2017	3-4											51
SP3	10/11/2017	4-5											51
SP3	10/11/2017	5-6											62
SP3	10/11/2017	6-7											52
SP3	10/11/2017	7-8											71
SP3	10/11/2017	8-9											110
SP3	10/11/2017	9-10											75
SP4	10/11/2017	0-1						<4.7	290	290	160	450	1,200
SP4	10/11/2017	1-2											2,600
SP4	10/11/2017	2-3											1,100
SP4	10/11/2017	3-4											2,000
SP4	10/11/2017	4-5											2,600
SP4	10/11/2017	5-6											2,000
SP5	10/11/2017	0-1	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.2	<9.2	<46	<46	39
SP5	10/11/2017	1-2											290
SP5	10/11/2017	2-3											33
SP5	10/11/2017	3-4											36
SP5	10/11/2017	4-5											<30
SP5	10/11/2017	5-6											35
SP5	10/11/2017	6-7											40
SP5	10/11/2017	7-8											40
SP5	10/11/2017	8-9											31
SP5	10/11/2017	9-10											<30
SP6	10/11/2017	0-1											<30

.

Table 2 Summary of Soil Analytical Data - Delineation Samples Gissler B #62 EOG Resources Eddy County, New Mexico

	ТРН									трц			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO		MRO	Total	Chloride
		Depth			,			(C6-C-10)	(C10-C28)	GRO + DRO	(C28-C35)	GRO/DRO/MRO	
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	I Closure Cri	iteria for So	il >100 feet D	epth to Grour	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SP6	10/11/2017	1-2											<30
SP6	10/11/2017	2-3											100
SP7	10/11/2017	0-1	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<10	<10	<51	<51	<30
SP7	10/11/2017	1-2											<30
SP7	10/11/2017	2-3											<30
SP7	10/11/2017	3-4											<30
SP7	10/11/2017	4-5											<30
			•		•	EOG Sam	ples		•	•	•	•	
SP-1	7/29/2020	0-1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-1	7/29/2020	1-2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-1	7/29/2020	2-3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-1	7/29/2020	3-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-1	7/29/2020	4-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-2	7/29/2020	0-1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	30.4
SP-2	7/29/2020	1-2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	39.2
SP-2	7/29/2020	2-3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	121
SP-2	7/29/2020	3-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	75.8
SP-2	7/29/2020	4-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	82.6
SP-3	7/29/2020	0-1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-3	7/29/2020	1-2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,540	1,760	<50.0	3,300	20.3
SP-3	7/29/2020	2-3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	26.3
SP-3	7/29/2020	3-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	49.5
SP-3	7/29/2020	4-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	21.2
SP-4	7/29/2020	0-1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,600
SP-4	7/29/2020	1-2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	313
SP-4	7/29/2020	2-3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	276
SP-4	7/29/2020	3-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	266
SP-4	7/29/2020	4-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,100
SP-5	7/29/2020	0-1	<0.0250	<0.0250	< 0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-5	7/29/2020	1-2	<0.0250	<0.0250	<0.0250	< 0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	43.8
SP-5	7/29/2020	2-3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	103
SP-5	7/29/2020	3-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	104
SP-5	7/29/2020	4-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	77.8
SP-6	7/29/2020	0-1	<0.0250	<0.0250	< 0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	229
SP-6	7/29/2020	1-2	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	91.7
SP-6	7/29/2020	2-3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	85.5
SP-6	7/29/2020	3-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	32.7
SP-6	7/29/2020	4-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	139
SP-7	7/29/2020	0-1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	32.0	32.0	<50.0	32.0	<20.0
SP-7	7/29/2020	1-2	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0

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Table 2 Summary of Soil Analytical Data - Delineation Samples Gissler B #62 EOG Resources Eddy County, New Mexico

			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total	Chloride
Converte ID	Depth	Depth						(C6-C-10)	(C10-C28)		(C28-C35)	GRO/DRO/MRO	
Sample ID	Sample Date	ample Date (ft bgs)	(mg/kg)	(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						NMAC			
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SP-7	7/29/2020	2-3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	46.7	46.7	<50.0	46.7	<20.0
SP-7	7/29/2020	3-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SP-7	7/29/2020	4-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0

Notes:

Released to Imaging: 10/6/2022 1:57:17 PM

1. Values reported in mg/kg

5. TPH analyses by EPA Method SW 8015 Mod.

2.< = Value Less Than Reporting Limit (RL)

Bold indicates Analyte Detected
 BTEX analyses by EPA Method SW 8021B

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 9. --- Not Analyzed

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION



OSE POD Locations Map



9/16/2022, 1:24:17 PM

GIS WATERS PODs

0

Im

OSE District Boundary SiteBoundaries

Active New Mexico State Trust Lands

0 Pending Both Estates

1:18,056 0.17 0.35 0.7 mi 0 0.3 0.6 1.2 km

> 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. 2

Received by OCD: 9/28/2022 1:56:23 PM **GISSIER B #62** Depth to Water Boring Location Map

Legend

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- 🍰 0.5 Mile Radius
- Gissler B #62
- Jackson B #59 DTW Boring

Jackson B #59 DTW Boring

Gissler B #62

220

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Grassic India 10/6/2022 1:57-17 P

V#SH



Location: Eddy County, New Mexico

Date: 5/18/2021

Boring Number: B-1

BORING LOG

Weather: Clear, Temp.: 75°F Logger: D. Adkins Field Instrument: NA Latitude: 32.85697 N

Longitude: -103.92703 W

Driller: D. Londagin **Rig Type: Reich Drill** Bit Size: 5-7/8" Drilling Method: Air Rotary

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	(mqq) CIA
		0-30'				Red/brown fine Sand (SP)	None Slight Mod. Strong	
		30-40'				Red/brown fine Sand (SP) with varying amounts of silt and caliche	<u>None</u> Slight Mod, Strong	
		40-80'				Dry, dark red/brown sandy Silts (SM)	<u>None</u> Slight Mod. Strong	
		80-125'				Red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
						TD 125'	None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
	ce Eleva : Groun	2 2 3 4 1 C - C - C - C - C - C - C - C - C - C	ot Encoun	tered (@ 125' BG	S – 72 hr. Logger Initials: _	1	

Page ____ of







U.S. Fish and Wildlife Service National Wetlands Inventory

Gissler B #62



September 16, 2022

Wetlands



- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Wetland
- Freshwater Pond

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other 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 Wetlands Inventory (NWI) This page was produced by the NWI mapper

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National Flood Hazard Layer FIRMette



Legend

03°55'57"W 32°51'36"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOU Without Base Flood Elevation (BFE) Zone A, V. A9 With BFE or Depth Zone AE, AO, AH, VE, AF SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with avera depth less than one foot or with drain e areas of less than one square mile zo **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zonde NO SCREEN Area of Minimal Flood Hazard Zone X **Effective LOMRs OTHER AREAS** Area of Undetermined Flood Hazard Zone D - -- - Channel, Culvert, or Storm Sewer GENERAL STRUCTURES IIIIII Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation AREA OF MINIMAL FLOOD HAZARD Eddy County 350120 **Coastal Transect** Zd e X Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline** 35015C0425D FEATURES **Hydrographic Feature** eff. 6/4/2010 **Digital Data Available** No Digital Data Available MAP PANELS 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 9/16/2022 at 2:26 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 _> 103°55'20"W 32°51'6"N

250

500

1,000

1.500

Feet 1:6.000 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

unmapped and unmodernized areas cannot be used for

regulatory purposes.

ATTACHMENT B: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

EOG Gissler B #62



Description: View of East Excavation.



02 Sep 2022, 11:04:38

ATTACHMENT C: CONFIRMATION SAMPLING NOTIFICATIONS



Becky Haskell

From:	Amber Griffin <amber_griffin@eogresources.com></amber_griffin@eogresources.com>
Sent:	Tuesday, August 30, 2022 8:30 AM
То:	Becky Haskell
Subject:	FW: Gissler B 62 (nAB17228331940) Sampling Notification

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

Also, the C-138 expires 9/27/2022 for this location.

Thank you, Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Sunday, August 28, 2022 7:47 AM
To: blm_nm_cfo_spill@blm.gov; Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon
<Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet
<Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory
<Artesia_Regulatory@eogresources.com>
Subject: Gissler B 62 (nAB17228331940) Sampling Notification

Good Morning,

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

Gissler B 62 C-12-17S-30E Eddy County, NM nAB1722833194

Sampling will begin at 12:00 p.m. on Thursday, September 1 and continue through Friday, September 2, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina huerta@eogresources.com</u>



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





September 15, 2022

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

RE: Gissler B 62

OrderNo.: 2209141

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 14 sample(s) on 9/3/2022 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,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209141

Date Reported: 9/15/2022

9/8/2022 5:21:11 PM

9/8/2022 5:21:11 PM

CLIENT: NTG Environmental	Client Sample ID: BH-1					
Project: Gissler B 62		Collec	tion Date:	9/1/20	22 2:00:00 PM	
Lab ID: 2209141-001	Matrix: SOIL Received Result RL Qual IGE ORGANICS ND 15		ived Date:	red Date: 9/3/2022 9:00:00 AM		
Analyses	Result	RL Qua	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst: DGH	
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 5:44:34 PM	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 5:44:34 PM	
Surr: DNOP	97.8	21-129	%Rec	1	9/9/2022 5:44:34 PM	
EPA METHOD 300.0: ANIONS					Analyst: JTT	
Chloride	460	60	mg/Kg	20	9/12/2022 5:44:28 PM	
EPA METHOD 8260B: VOLATILES SH	ORT LIST				Analyst: BRM	
Benzene	ND	0.025	mg/Kg	1	9/8/2022 5:21:11 PM	
Toluene	ND	0.049	mg/Kg	1	9/8/2022 5:21:11 PM	
Ethylbenzene	ND	0.049	mg/Kg	1	9/8/2022 5:21:11 PM	
Xylenes, Total	ND	0.099	mg/Kg	1	9/8/2022 5:21:11 PM	
Surr: 1,2-Dichloroethane-d4	103	70-130	%Rec	1	9/8/2022 5:21:11 PM	
Surr: 4-Bromofluorobenzene	94.9	70-130	%Rec	1	9/8/2022 5:21:11 PM	
Surr: Dibromofluoromethane	102	70-130	%Rec	1	9/8/2022 5:21:11 PM	
Surr: Toluene-d8	108	70-130	%Rec	1	9/8/2022 5:21:11 PM	
EPA METHOD 8015D MOD: GASOLIN	E RANGE				Analyst: BRM	

ND

92.9

4.9

70-130

mg/Kg 1

1

%Rec

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 18

Gasoline Range Organics (GRO)

Surr: BFB

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Gasoline Range Organics (GRO)

EPA METHOD 8015D MOD: GASOLINE RANGE

Surr: Toluene-d8

Surr: BFB

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209141

Date Reported: 9/15/2022

9/8/2022 5:48:21 PM

Analyst: BRM

CLIENT: NTG Environmental		Client Sample ID: BH-2			
Project: Gissler B 62 Lab ID: 2209141-002 Analyses	Collection Date: 9/1/2022 2:10:00 PM				
	Matrix: SOIL	Matrix: SOIL Received Date: 9/3/2022 9:00:00 AM			
	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 6:00:22 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	9/9/2022 6:00:22 PM
Surr: DNOP	154	21-129 8	S %Rec	1	9/9/2022 6:00:22 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	110	60	mg/Kg	20	9/12/2022 6:46:29 PM
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst: BRM
Benzene	ND	0.024	mg/Kg	1	9/8/2022 5:48:21 PM
Toluene	ND	0.048	mg/Kg	1	9/8/2022 5:48:21 PM
Ethylbenzene	ND	0.048	mg/Kg	1	9/8/2022 5:48:21 PM
Xylenes, Total	ND	0.096	mg/Kg	1	9/8/2022 5:48:21 PM

104

91.7

103

105

ND

91.1

70-130

70-130

70-130

70-130

70-130

4.8

%Rec

%Rec

%Rec

%Rec

mg/Kg

%Rec

1

1

1

1

1

1

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

Qualifiers:

* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

Analyte detected in the associated Method Blank в

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 2 of 18

CLIENT: NTG Environmental

Project:

Gissler B 62

Analytical Report Lab Order 2209141

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/15/2022

Client Sample ID: BH-3 Collection Date: 9/1/2022 10:00:00 AM Received Date: 9/3/2022 9:00:00 AM

Lab ID: 2209141-003	Matrix: SOIL	Received Date: 9/3/2022 9:00:00 AM			
Analyses	Result	RL Qual Ur		DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL	RANGE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	9/9/2022 6:10:55 PM
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	9/9/2022 6:10:55 PM
Surr: DNOP	92.8	21-129	%Rec	1	9/9/2022 6:10:55 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	9/12/2022 7:23:44 PM
EPA METHOD 8260B: VOLATILE	S SHORT LIST				Analyst: BRM
Benzene	ND	0.024	mg/Kg	1	9/8/2022 6:15:28 PM
Toluene	ND	0.049	mg/Kg	1	9/8/2022 6:15:28 PM
Ethylbenzene	ND	0.049	mg/Kg	1	9/8/2022 6:15:28 PM
Xylenes, Total	ND	0.097	mg/Kg	1	9/8/2022 6:15:28 PM
Surr: 1,2-Dichloroethane-d4	105	70-130	%Rec	1	9/8/2022 6:15:28 PM
Surr: 4-Bromofluorobenzene	94.5	70-130	%Rec	1	9/8/2022 6:15:28 PM
Surr: Dibromofluoromethane	108	70-130	%Rec	1	9/8/2022 6:15:28 PM
Surr: Toluene-d8	105	70-130	%Rec	1	9/8/2022 6:15:28 PM
EPA METHOD 8015D MOD: GAS	OLINE RANGE				Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/8/2022 6:15:28 PM
Surr: BFB	92.2	70-130	%Rec	1	9/8/2022 6:15:28 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: NTG Environmental

Project:

Gissler B 62

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order **2209141** Date Reported: **9/15/2022**

Client Sample ID: BH-4 Collection Date: 9/2/2022 10:10:00 AM Received Date: 9/3/2022 9:00:00 AM

Lab ID: 2209141-004	Matrix: SOIL	Rece	Received Date: 9/3/2022 9:00:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 6:21:31 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/9/2022 6:21:31 PM
Surr: DNOP	117	21-129	%Rec	1	9/9/2022 6:21:31 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	9/12/2022 7:36:09 PM
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst: BRM
Benzene	ND	0.025	mg/Kg	1	9/8/2022 6:42:36 PM
Toluene	ND	0.050	mg/Kg	1	9/8/2022 6:42:36 PM
Ethylbenzene	ND	0.050	mg/Kg	1	9/8/2022 6:42:36 PM
Xylenes, Total	ND	0.10	mg/Kg	1	9/8/2022 6:42:36 PM
Surr: 1,2-Dichloroethane-d4	96.5	70-130	%Rec	1	9/8/2022 6:42:36 PM
Surr: 4-Bromofluorobenzene	92.7	70-130	%Rec	1	9/8/2022 6:42:36 PM
Surr: Dibromofluoromethane	101	70-130	%Rec	1	9/8/2022 6:42:36 PM
Surr: Toluene-d8	106	70-130	%Rec	1	9/8/2022 6:42:36 PM
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/8/2022 6:42:36 PM
Surr: BFB	92.5	70-130	%Rec	1	9/8/2022 6:42:36 PM

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

Qualifiers:

Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: NTG Environmental

Project: Gissler B 62

Analytical Report Lab Order 2209141

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/15/2022

Client Sample ID: BH-5 Collection Date: 9/2/2022 10:20:00 AM Received Date: 9/3/2022 9:00:00 AM

Lab ID: 2209141-005	Matrix: SOIL	Received Date: 9/3/2022 9:00:00 AM			
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	9/9/2022 6:32:08 PM
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	9/9/2022 6:32:08 PM
Surr: DNOP	145	21-129	S %Rec	1	9/9/2022 6:32:08 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	9/12/2022 7:48:33 PM
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst: BRM
Benzene	ND	0.024	mg/Kg	1	9/8/2022 7:09:41 PM
Toluene	ND	0.049	mg/Kg	1	9/8/2022 7:09:41 PM
Ethylbenzene	ND	0.049	mg/Kg	1	9/8/2022 7:09:41 PM
Xylenes, Total	ND	0.098	mg/Kg	1	9/8/2022 7:09:41 PM
Surr: 1,2-Dichloroethane-d4	97.4	70-130	%Rec	1	9/8/2022 7:09:41 PM
Surr: 4-Bromofluorobenzene	93.5	70-130	%Rec	1	9/8/2022 7:09:41 PM
Surr: Dibromofluoromethane	99.4	70-130	%Rec	1	9/8/2022 7:09:41 PM
Surr: Toluene-d8	108	70-130	%Rec	1	9/8/2022 7:09:41 PM
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/8/2022 7:09:41 PM
Surr: BFB	93.6	70-130	%Rec	1	9/8/2022 7:09:41 PM

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

Qualifiers:

* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project: Gissler B 62

Analytical Report Lab Order 2209141

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/15/2022

Client Sample ID: BH-6 Collection Date: 9/2/2022 10:40:00 AM Received Date: 9/3/2022 9:00:00 AM

Lab ID: 2209141-006	Matrix: SOIL	Rece	Received Date: 9/3/2022 9:00:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analyst: DGH	
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 6:53:33 PM	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 6:53:33 PM	
Surr: DNOP	100	21-129	%Rec	1	9/9/2022 6:53:33 PM	
EPA METHOD 300.0: ANIONS					Analyst: JTT	
Chloride	87	60	mg/Kg	20	9/12/2022 8:00:57 PM	
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst: BRM	
Benzene	ND	0.024	mg/Kg	1	9/8/2022 7:36:47 PM	
Toluene	ND	0.049	mg/Kg	1	9/8/2022 7:36:47 PM	
Ethylbenzene	ND	0.049	mg/Kg	1	9/8/2022 7:36:47 PM	
Xylenes, Total	ND	0.098	mg/Kg	1	9/8/2022 7:36:47 PM	
Surr: 1,2-Dichloroethane-d4	98.7	70-130	%Rec	1	9/8/2022 7:36:47 PM	
Surr: 4-Bromofluorobenzene	98.6	70-130	%Rec	1	9/8/2022 7:36:47 PM	
Surr: Dibromofluoromethane	100	70-130	%Rec	1	9/8/2022 7:36:47 PM	
Surr: Toluene-d8	107	70-130	%Rec	1	9/8/2022 7:36:47 PM	
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst: BRM	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/8/2022 7:36:47 PM	
Surr: BFB	95.4	70-130	%Rec	1	9/8/2022 7:36:47 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2209141

9/8/2022 8:03:51 PM

9/8/2022 8:03:51 PM

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209141 Date Reported: 9/15/2022

CLIENT: NTG Environmental	Client Sample ID: BH-7					
Project: Gissler B 62		Colle	ction Date:	9/2/20	22 10:50:00 AM	
Lab ID: 2209141-007	Matrix: SOILReceived Date: 9/3/2022 9:00:00 AM					
Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: DGH	
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 7:04:22 PM	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/9/2022 7:04:22 PM	
Surr: DNOP	106	21-129	%Rec	1	9/9/2022 7:04:22 PM	
EPA METHOD 300.0: ANIONS					Analyst: JTT	
Chloride	130	60	mg/Kg	20	9/12/2022 8:13:22 PM	
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst: BRM	
Benzene	ND	0.025	mg/Kg	1	9/8/2022 8:03:51 PM	
Toluene	ND	0.050	mg/Kg	1	9/8/2022 8:03:51 PM	
Ethylbenzene	ND	0.050	mg/Kg	1	9/8/2022 8:03:51 PM	
Xylenes, Total	ND	0.10	mg/Kg	1	9/8/2022 8:03:51 PM	
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	9/8/2022 8:03:51 PM	
Surr: 4-Bromofluorobenzene	93.3	70-130	%Rec	1	9/8/2022 8:03:51 PM	
Surr: Dibromofluoromethane	106	70-130	%Rec	1	9/8/2022 8:03:51 PM	
Surr: Toluene-d8	111	70-130	%Rec	1	9/8/2022 8:03:51 PM	
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst: BRM	

ND

93.2

5.0

70-130

mg/Kg

%Rec

1

1

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

Qualifiers:

Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Gasoline Range Organics (GRO)

Surr: BFB

CLIENT: NTG Environmental Gissler B 62

2209141-008

Project:

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2209141

Date Reported: 9/15/2022

Client Sample ID: BH-8							
	Collection Date: 9/2/20	22 11:00:00 AM					
Matrix: SOIL	Received Date: 9/3/20	22 9:00:00 AM					
Result	RL Qual Units DF	Date Analyzed					
E ORGANICS		Analyst: D					

Analyses	Result	RL Qual	Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANGE ORGA	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 7:15:14 PM	
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 7:15:14 PM	
Surr: DNOP	95.1	21-129	%Rec	1	9/9/2022 7:15:14 PM	
EPA METHOD 300.0: ANIONS					Analyst: JTT	
Chloride	200	60	mg/Kg	20	9/12/2022 8:50:35 PM	
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: BRM	
Benzene	ND	0.025	mg/Kg	1	9/8/2022 8:30:53 PM	
Toluene	ND	0.050	mg/Kg	1	9/8/2022 8:30:53 PM	
Ethylbenzene	ND	0.050	mg/Kg	1	9/8/2022 8:30:53 PM	
Xylenes, Total	ND	0.099	mg/Kg	1	9/8/2022 8:30:53 PM	
Surr: 1,2-Dichloroethane-d4	100	70-130	%Rec	1	9/8/2022 8:30:53 PM	
Surr: 4-Bromofluorobenzene	95.6	70-130	%Rec	1	9/8/2022 8:30:53 PM	
Surr: Dibromofluoromethane	102	70-130	%Rec	1	9/8/2022 8:30:53 PM	
Surr: Toluene-d8	107	70-130	%Rec	1	9/8/2022 8:30:53 PM	
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: BRM	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/8/2022 8:30:53 PM	
Surr: BFB	92.3	70-130	%Rec	1	9/8/2022 8:30:53 PM	

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

Qualifiers:

* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix

- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project: Gissler B 62

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order **2209141** Date Reported: **9/15/2022**

Client Sample ID: BH-9 Collection Date: 9/2/2022 11:10:00 AM Received Date: 9/3/2022 9:00:00 AM

Lab ID: 2209141-009	41-009Matrix: SOILReceived Date: 9/				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 7:26:11 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 7:26:11 PM
Surr: DNOP	111	21-129	%Rec	1	9/9/2022 7:26:11 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	260	60	mg/Kg	20	9/12/2022 9:02:59 PM
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst: BRM
Benzene	ND	0.025	mg/Kg	1	9/8/2022 8:57:58 PM
Toluene	ND	0.049	mg/Kg	1	9/8/2022 8:57:58 PM
Ethylbenzene	ND	0.049	mg/Kg	1	9/8/2022 8:57:58 PM
Xylenes, Total	ND	0.099	mg/Kg	1	9/8/2022 8:57:58 PM
Surr: 1,2-Dichloroethane-d4	99.3	70-130	%Rec	1	9/8/2022 8:57:58 PM
Surr: 4-Bromofluorobenzene	96.8	70-130	%Rec	1	9/8/2022 8:57:58 PM
Surr: Dibromofluoromethane	101	70-130	%Rec	1	9/8/2022 8:57:58 PM
Surr: Toluene-d8	107	70-130	%Rec	1	9/8/2022 8:57:58 PM
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/8/2022 8:57:58 PM
Surr: BFB	96.5	70-130	%Rec	1	9/8/2022 8:57:58 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project:

Gissler B 62

Analytical Report Lab Order 2209141

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/15/2022

Client Sample ID: BH-10 Collection Date: 9/2/2022 11:20:00 AM Received Date: 9/3/2022 9:00:00 AM

Lab ID: 2209141-010	Matrix: SOIL	Rece	Received Date: 9/3/2022 9:00:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: DGH		
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 7:37:08 PM		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/9/2022 7:37:08 PM		
Surr: DNOP	89.2	21-129	%Rec	1	9/9/2022 7:37:08 PM		
EPA METHOD 300.0: ANIONS					Analyst: JTT		
Chloride	290	60	mg/Kg	20	9/12/2022 9:15:24 PM		
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst: BRM		
Benzene	ND	0.024	mg/Kg	1	9/8/2022 9:25:00 PM		
Toluene	ND	0.049	mg/Kg	1	9/8/2022 9:25:00 PM		
Ethylbenzene	ND	0.049	mg/Kg	1	9/8/2022 9:25:00 PM		
Xylenes, Total	ND	0.097	mg/Kg	1	9/8/2022 9:25:00 PM		
Surr: 1,2-Dichloroethane-d4	97.4	70-130	%Rec	1	9/8/2022 9:25:00 PM		
Surr: 4-Bromofluorobenzene	99.0	70-130	%Rec	1	9/8/2022 9:25:00 PM		
Surr: Dibromofluoromethane	105	70-130	%Rec	1	9/8/2022 9:25:00 PM		
Surr: Toluene-d8	112	70-130	%Rec	1	9/8/2022 9:25:00 PM		
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst: BRM		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/8/2022 9:25:00 PM		
Surr: BFB	102	70-130	%Rec	1	9/8/2022 9:25:00 PM		

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Gissler B 62 2209141-011

Project:

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order **2209141** Date Reported: **9/15/2022**

Client Sample ID: SW-1
Collection Date: 9/2/2022 2:20:00 PM

Received Date: 9/3/2022 9:00:00 AM

Analyses	Result	RL Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 7:48:09 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/9/2022 7:48:09 PM
Surr: DNOP	85.0	21-129	%Rec	1	9/9/2022 7:48:09 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	290	59	mg/Kg	20	9/12/2022 9:27:48 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: BRM
Benzene	ND	0.025	mg/Kg	1	9/8/2022 9:51:59 PM
Toluene	ND	0.050	mg/Kg	1	9/8/2022 9:51:59 PM
Ethylbenzene	ND	0.050	mg/Kg	1	9/8/2022 9:51:59 PM
Xylenes, Total	ND	0.10	mg/Kg	1	9/8/2022 9:51:59 PM
Surr: 1,2-Dichloroethane-d4	94.1	70-130	%Rec	1	9/8/2022 9:51:59 PM
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	9/8/2022 9:51:59 PM
Surr: Dibromofluoromethane	100	70-130	%Rec	1	9/8/2022 9:51:59 PM
Surr: Toluene-d8	110	70-130	%Rec	1	9/8/2022 9:51:59 PM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/8/2022 9:51:59 PM
Surr: BFB	102	70-130	%Rec	1	9/8/2022 9:51:59 PM

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Gissler B 62 2209141-012

Project:

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order **2209141** Date Reported: **9/15/2022**

Client Sample ID: SW-2						
	Collection Date: 9/2/2022 2:30:00 PM					
Matrix: SOIL	Received Date: 9/3/2022 9:00:00 AM					

Analyses	Result	RL Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS				
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 7:59:21 PM
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	9/9/2022 7:59:21 PM
Surr: DNOP	106	21-129	%Rec	1	9/9/2022 7:59:21 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	330	60	mg/Kg	20	9/12/2022 9:40:13 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: BRM
Benzene	ND	0.025	mg/Kg	1	9/9/2022 1:00:23 AM
Toluene	ND	0.049	mg/Kg	1	9/9/2022 1:00:23 AM
Ethylbenzene	ND	0.049	mg/Kg	1	9/9/2022 1:00:23 AM
Xylenes, Total	ND	0.098	mg/Kg	1	9/9/2022 1:00:23 AM
Surr: 1,2-Dichloroethane-d4	98.8	70-130	%Rec	1	9/9/2022 1:00:23 AM
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	9/9/2022 1:00:23 AM
Surr: Dibromofluoromethane	97.9	70-130	%Rec	1	9/9/2022 1:00:23 AM
Surr: Toluene-d8	103	70-130	%Rec	1	9/9/2022 1:00:23 AM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/9/2022 1:00:23 AM
Surr: BFB	101	70-130	%Rec	1	9/9/2022 1:00:23 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Gissler B 62

2209141-013

Project:

Lab ID:

Analytical Report Lab Order 2209141

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/15/2022
Client Sample ID: SW-3

Collection Date: 9/2/2022 11:40:00 AM Received Date: 9/3/2022 9:00:00 AM

Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 8:10:28 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 8:10:28 PM
Surr: DNOP	105	21-129	%Rec	1	9/9/2022 8:10:28 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	ND	60	mg/Kg	20	9/12/2022 9:52:37 PM
EPA METHOD 8260B: VOLATILES SHORT L	IST				Analyst: BRM
Benzene	ND	0.025	mg/Kg	1	9/9/2022 1:27:16 AM
Toluene	ND	0.050	mg/Kg	1	9/9/2022 1:27:16 AM
Ethylbenzene	ND	0.050	mg/Kg	1	9/9/2022 1:27:16 AM
Xylenes, Total	ND	0.10	mg/Kg	1	9/9/2022 1:27:16 AM
Surr: 1,2-Dichloroethane-d4	100	70-130	%Rec	1	9/9/2022 1:27:16 AM
Surr: 4-Bromofluorobenzene	98.5	70-130	%Rec	1	9/9/2022 1:27:16 AM
Surr: Dibromofluoromethane	98.9	70-130	%Rec	1	9/9/2022 1:27:16 AM
Surr: Toluene-d8	101	70-130	%Rec	1	9/9/2022 1:27:16 AM
EPA METHOD 8015D MOD: GASOLINE RAN	IGE				Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/9/2022 1:27:16 AM
Surr: BFB	96.5	70-130	%Rec	1	9/9/2022 1:27:16 AM

Matrix: SOIL

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

Qualifiers:

Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Gissler B 62

Project:

Analytical Report Lab Order 2209141

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/15/2022 Client Sample ID: SW-4

Collection Date: 9/2/2022 11:50:00 AM Received Date: 9/3/2022 9:00:00 AM

Lab ID: 2209141-014	Matrix: SOIL Received Date: 9/3/20			022 9:00:00 AM	
Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 8:21:36 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 8:21:36 PM
Surr: DNOP	106	21-129	%Rec	1	9/9/2022 8:21:36 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	61	60	mg/Kg	20	9/12/2022 10:05:01 PM
EPA METHOD 8260B: VOLATILES S	SHORT LIST				Analyst: BRM
Benzene	ND	0.024	mg/Kg	1	9/9/2022 1:54:07 AM
Toluene	ND	0.049	mg/Kg	1	9/9/2022 1:54:07 AM
Ethylbenzene	ND	0.049	mg/Kg	1	9/9/2022 1:54:07 AM
Xylenes, Total	ND	0.098	mg/Kg	1	9/9/2022 1:54:07 AM
Surr: 1,2-Dichloroethane-d4	95.5	70-130	%Rec	1	9/9/2022 1:54:07 AM
Surr: 4-Bromofluorobenzene	94.9	70-130	%Rec	1	9/9/2022 1:54:07 AM
Surr: Dibromofluoromethane	99.2	70-130	%Rec	1	9/9/2022 1:54:07 AM
Surr: Toluene-d8	102	70-130	%Rec	1	9/9/2022 1:54:07 AM
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/9/2022 1:54:07 AM
Surr: BFB	96.2	70-130	%Rec	1	9/9/2022 1:54:07 AM

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

Qualifiers:

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 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
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- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Client: Project:		Environmental ler B 62			
Sample ID:	MB-70117	SampType: MBLK	TestCode: EPA Method	d 300.0: Anions	
Client ID:	PBS	Batch ID: 70117	RunNo: 90969		
Prep Date:	9/12/2022	Analysis Date: 9/12/2022	SeqNo: 3253349	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	t HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-70117	SampType: LCS	TestCode: EPA Method	d 300.0: Anions	
Client ID:	LCSS	Batch ID: 70117	RunNo: 90969		
Prep Date:	9/12/2022	Analysis Date: 9/12/2022	SeqNo: 3253350	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	t HighLimit %RPD	RPDLimit Qual
Chloride		15 1.5 15.00	0 98.9 90	110	

Qualifiers:

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- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2209141

15-Sep-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	NTG I Gissler	Environmental r B 62									
Sample ID:	LCS-69992	SampTyp	e: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batch ID	D: 699	992	F	RunNo: 9(0851				
Prep Date:	9/6/2022	Analysis Date	e: 9/8	8/2022	S	SeqNo: 32	248817	Units: %Rec	:		
Analyte		Result F	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP)	4.2		5.000		83.0	21	129			
Sample ID:	MB-69992	SampTyp	e: Me	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batch ID	D: 699	992	F	RunNo: 9(0851				
Prep Date:	9/6/2022	Analysis Date	e: 9/8	8/2022	S	SeqNo: 32	248818	Units: %Rec	;		
Analyte		Result F	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP)	13		10.00		131	21	129			S
Sample ID:	LCS-70011	SampTyp	e: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Sample ID: Client ID:	LCS-70011 LCSS	SampTyp Batch IE				tCode: EF RunNo: 90		8015M/D: Die	sel Range	Organics	
	LCSS		D: 700)11	F		0851	8015M/D: Die Units: mg/K	-	Organics	
Client ID:	LCSS	Batch IE Analysis Date	D: 700)11 9/2022	F	RunNo: 9(0851		-	Organics RPDLimit	Qual
Client ID: Prep Date: Analyte Diesel Range	LCSS 9/7/2022 Organics (DRO)	Batch IE Analysis Date	D: 700 e: 9/9)11 9/2022	F	RunNo: 9(SeqNo: 32	0851 250669	Units: mg/K	g	-	Qual
Client ID: Prep Date: Analyte	LCSS 9/7/2022 Organics (DRO)	Batch IE Analysis Date Result F	D: 700 e: 9/9 PQL	011 0/2022 SPK value	F S SPK Ref Val	RunNo: 90 SeqNo: 32 %REC	0851 250669 LowLimit	Units: mg/K HighLimit	g	-	Qual
Client ID: Prep Date: Analyte Diesel Range Surr: DNOP	LCSS 9/7/2022 Organics (DRO)	Batch IE Analysis Date Result F 40	D: 700 e: 9/9 PQL 15	011 9/2022 SPK value 50.00 5.000	F SPK Ref Val 0	RunNo: 90 SeqNo: 32 %REC 80.8 86.6	250669 LowLimit 64.4 21	Units: mg/K HighLimit 127	g %RPD	RPDLimit	Qual
Client ID: Prep Date: Analyte Diesel Range Surr: DNOP	LCSS 9/7/2022 Organics (DRO)	Batch IE Analysis Date Result F 40 4.3	D: 700 e: 9/9 PQL 15 e: ME	011 6/2022 SPK value 50.00 5.000	F SPK Ref Val 0 Tes	RunNo: 90 SeqNo: 32 %REC 80.8 86.6	250669 LowLimit 64.4 21 PA Method	Units: mg/K HighLimit 127 129	g %RPD	RPDLimit	Qual
Client ID: Prep Date: Analyte Diesel Range Surr: DNOP Sample ID:	LCSS 9/7/2022 Organics (DRO) MB-70011 PBS	Batch IE Analysis Date Result F 40 4.3 SampTyp	D: 700 e: 9/9 PQL 15 e: ME D: 700	011 0/2022 SPK value 50.00 5.000 SLK 011	F SPK Ref Val 0 Tes F	RunNo: 90 SeqNo: 32 %REC 80.8 86.6 tCode: EF	250669 LowLimit 64.4 21 PA Method 0851	Units: mg/K HighLimit 127 129	g %RPD sel Range	RPDLimit	Qual
Client ID: Prep Date: Analyte Diesel Range Surr: DNOP Sample ID: Client ID:	LCSS 9/7/2022 Organics (DRO) MB-70011 PBS	Batch IE Analysis Date Result F 40 4.3 SampTyp Batch IE Analysis Date	D: 700 e: 9/9 PQL 15 e: ME D: 700	011 6/2022 SPK value 50.00 5.000 BLK 011 9/2022	F SPK Ref Val 0 Tes F	RunNo: 90 SeqNo: 32 %REC 80.8 86.6 tCode: EF	250669 LowLimit 64.4 21 PA Method 0851	Units: mg/K HighLimit 127 129 8015M/D: Die	g %RPD sel Range	RPDLimit	Qual
Client ID: Prep Date: Analyte Diesel Range Surr: DNOP Sample ID: Client ID: Prep Date: Analyte	LCSS 9/7/2022 Organics (DRO) MB-70011 PBS	Batch IE Analysis Date Result F 40 4.3 SampTyp Batch IE Analysis Date	D: 700 e: 9/9 PQL 15 e: ME D: 700 e: 9/9	011 6/2022 SPK value 50.00 5.000 BLK 011 9/2022	F SPK Ref Val 0 Tes F	RunNo: 90 SeqNo: 32 %REC 80.8 86.6 tCode: EF RunNo: 90 SeqNo: 32	250669 LowLimit 64.4 21 24 Method 2851 250677	Units: mg/K HighLimit 127 129 8015M/D: Die Units: mg/K	g %RPD sel Range g	RPDLimit Organics	
Client ID: Prep Date: Analyte Diesel Range Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range	LCSS 9/7/2022 Organics (DRO) MB-70011 PBS 9/7/2022 Organics (DRO) ge Organics (MRO)	Batch IE Analysis Date Result F 40 4.3 SampTyp Batch IE Analysis Date Result F	D: 700 e: 9/9 PQL 15 e: ME D: 700 e: 9/9 PQL	011 6/2022 SPK value 50.00 5.000 BLK 011 9/2022	F SPK Ref Val 0 Tes F	RunNo: 90 SeqNo: 32 %REC 80.8 86.6 tCode: EF RunNo: 90 SeqNo: 32	250669 LowLimit 64.4 21 24 Method 2851 250677	Units: mg/K HighLimit 127 129 8015M/D: Die Units: mg/K	g %RPD sel Range g	RPDLimit Organics	

Qualifiers:

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- P Sample pH Not In Range
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2209141

15-Sep-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	Environmenta	al								
Project: Gissle	er B 62									
Sample ID: Ics-69995	Samp	Гуре: LC	S4	Tes	tCode: EF	PA Method	8260B: Volati	les Short	_ist	
Client ID: BatchQC	Batc	h ID: 699	95	F	RunNo: 9	0906				
Prep Date: 9/6/2022	Analysis [Date: 9/8	3/2022	Ś	SeqNo: 32	249928	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.4	80	120			
Toluene	1.1	0.050	1.000	0	114	80	120			
Ethylbenzene	1.1	0.050	1.000	0	115	80	120			
Xylenes, Total	3.4	0.10	3.000	0	115	80	120			
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		95.5	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.0	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		100	70	130			
Surr: Toluene-d8	0.54		0.5000		108	70	130			
	0.54	Гуре: МВ		Tes		70	130 8260B: Volati	les Short	List	
Surr: Toluene-d8	0.54 Samp	Гуре: МВ h ID: 69 9	LK			70 PA Method		les Short I	List	
Surr: Toluene-d8 Sample ID: mb-69995	0.54 Samp	h ID: 699	SLK 095	F	tCode: EF	70 PA Method 0906			List	
Surr: Toluene-d8 Sample ID: mb-69995 Client ID: PBS	0.54 Samp Batc	h ID: 699	BLK 995 8/2022	F	tCode: EF	70 PA Method 0906	8260B: Volati		List RPDLimit	Qual
Surr: Toluene-d8 Sample ID: mb-69995 Client ID: PBS Prep Date: 9/6/2022	0.54 Samp Batc Analysis [h ID: 699 Date: 9/8	BLK 995 8/2022	F	atCode: EF RunNo: 90 SeqNo: 32	70 PA Method 0906 249929	8260B: Volati Units: mg/K	g		Qual
Surr: Toluene-d8 Sample ID: mb-69995 Client ID: PBS Prep Date: 9/6/2022 Analyte	0.54 Samp Batc Analysis I Result	h ID: 699 Date: 9/8 PQL	BLK 995 8/2022	F	atCode: EF RunNo: 90 SeqNo: 32	70 PA Method 0906 249929	8260B: Volati Units: mg/K	g		Qual
Surr: Toluene-d8 Sample ID: mb-69995 Client ID: PBS Prep Date: 9/6/2022 Analyte Benzene	0.54 Samp Batc Analysis I Result ND	h ID: 699 Date: 9/8 PQL 0.025	BLK 995 8/2022	F	atCode: EF RunNo: 90 SeqNo: 32	70 PA Method 0906 249929	8260B: Volati Units: mg/K	g		Qual
Surr: Toluene-d8 Sample ID: mb-69995 Client ID: PBS Prep Date: 9/6/2022 Analyte Benzene Toluene	0.54 Samp Batc Analysis I Result ND ND	h ID: 699 Date: 9/8 PQL 0.025 0.050	BLK 995 8/2022	F	atCode: EF RunNo: 90 SeqNo: 32	70 PA Method 0906 249929	8260B: Volati Units: mg/K	g		Qual
Surr: Toluene-d8 Sample ID: mb-69995 Client ID: PBS Prep Date: 9/6/2022 Analyte Benzene Toluene Ethylbenzene	0.54 Samp Batc Analysis I Result ND ND ND	h ID: 699 Date: 9/8 PQL 0.025 0.050 0.050	BLK 995 8/2022	F	atCode: EF RunNo: 90 SeqNo: 32	70 PA Method 0906 249929	8260B: Volati Units: mg/K	g		Qual
Surr: Toluene-d8 Sample ID: mb-699995 Client ID: PBS Prep Date: 9/6/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	0.54 Samp Batc Analysis I Result ND ND ND ND	h ID: 699 Date: 9/8 PQL 0.025 0.050 0.050	3LK 995 3/2022 SPK value	F	stCode: Ef RunNo: 9 SeqNo: 32 %REC	70 PA Method 0906 249929 LowLimit	8260B: Volati Units: mg/K HighLimit	g		Qual
Surr: Toluene-d8 Sample ID: mb-699995 Client ID: PBS Prep Date: 9/6/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4	0.54 Samp Batc Analysis I Result ND ND ND ND ND ND 0.48	h ID: 699 Date: 9/8 PQL 0.025 0.050 0.050	6LK 995 3/2022 SPK value 0.5000	F	stCode: EF RunNo: 96 SeqNo: 32 %REC 95.3	70 PA Method 0906 249929 LowLimit 70	8260B: Volati Units: mg/K HighLimit 130	g		Qual

Qualifiers:

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PQL Practical Quanitative Limit

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- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
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2209141

15-Sep-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	Environmenta er B 62	al								
Sample ID: Ics-69995	SampT	ype: LC	s	Tes	tCode: EF	A Method	8015D Mod: (Gasoline R	ange	
Client ID: LCSS	Batcl	n ID: 699	995	RunNo: 90906						
Prep Date: 9/6/2022	Analysis E	Date: 9/8	8/2022	S	SeqNo: 32	249900	Units: mg/K	g		
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	70	130			
Surr: BFB	520		500.0		103	70	130			
Sample ID: mb-69995	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline R	ange	
Client ID: PBS	Batcl	n ID: 699	995	F	RunNo: 9(906				
Prep Date: 9/6/2022	Analysis E	Date: 9/8	8/2022	S	SeqNo: 32	249901	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	510		500.0		101	70	130			

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
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WO#: 2209141 15-Sep-22

Page	50	01	f 1	65

HALL ENVIRONMENTAL ANALYSIS LABORATORY			TE	ll Environmen L: 505-345-3 Website: www	490 Albuquerq 975 FAX:	l Hawkins ue. NM 87 505-345-41	NE 109 San 107	Sample Log-In Check L				
Client Name:	NTG Enviro	nmental	Work	Order Num	ber: 2209	141		Rcptl	No: 1			
Received By:	Tracy Cas	arrubias	9/3/202	2 9:00:00 A	м							
Completed By:	Tracy Cas	arrubias	9/3/202	2 9:40:19 A	м							
Reviewed By:												
Chain of Cu	<u>stody</u>											
1. Is Chain of (Custody compl	ete?			Yes	\checkmark	No 🗌	Not Present	1			
2. How was the	e sample delive	ered?			Cour	ier						
Log In												
3. Was an atte	mpt made to c	ool the samp	les?		Yes		No 🗌	NA 🗌]			
4. Were all san	nples received	at a tempera	ture of >0° C	to 6.0°C	Yes		No 🗌	NA 🗆	1			
5. Sample(s) in	proper contai	ner(s)?			Yes		No 🗌					
6. Sufficient sar	mple volume fo	or indicated to	est(s)?		Yes		No 🗌					
7. Are samples	(except VOA a	and ONG) pro	operly preserve	ed?	Yes		No 🗌					
8. Was preserv	ative added to	bottles?			Yes		No 🗹	NA 🗌				
9. Received at I	east 1 vial with	headspace	<1/4" for AQ V	OA?	Yes		No 🗌	NA 🗹				
10. Were any sa	imple containe	rs received b	oroken?		Yes		No 🗹	# of preserved bottles checked	/			
11. Does paperw (Note discrep	ork match bott bancies on cha)		Yes		No 🗌	for pH: (<2	or >12 unless note			
12. Are matrices	correctly ident	ified on Chai	n of Custody?		Yes	\checkmark	No 🗌	Adjusted?				
13. Is it clear what			?		Yes		No 🗌	/	010100			
14. Were all hold (If no, notify o	ling times able customer for a				Yes		No 🗌	Checked by:	9/3/22			
Special Hand	lling (if app	licable)										
15. Was client n	otified of all dis	screpancies	with this order?		Yes		No 🗌	NA 🔽]			
	n Notified:			Date:	1		- (* - * + * *					
By Wh				Via:	🗌 eMa	uil 🗌 Ph	one 🗌 Fax	In Person				
Regar Client	ding:											
16. Additional re	emarks:											
17. <u>Cooler Info</u>	rmation											
Cooler N	and a second	Condition	Seal Intact	Seal No	Seal Da	ate S	Signed By					
1 2	1.3 2.3	Good	Yes									
3	5.3	Good	Yes Yes	-								
4	5.9	Good	Yes									

Page 1 of 1

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.	12/21/10	Date: Time: Relinquished by: Received	1/22/1/2 / CJ	Time: Relinquished by:	2 14:30 5 Sw-2		11:20 S BH-10	11:10 5 BH-9	11:00 5 BH-8	13H- 4	BH-6	9/2 10:20 5 BN-5 402	9/2 10:10 5 BM-4 402.	9/1 10:00 S 13H-3 402	4/1 (4:10 5 BH-2 46t	9/1 14:00 S BH-1 Jar/1	Date Time Matrix Sample Name	EDD (Type) # of	NELAC Uther	on: 🗆 Az Compliance	□ Standard <u>Amber griffin@eogresources.com</u>	QA/QC Package: Chase settle@eogresources.com	email or Fax#: <u>bhaskell@ntglobal.com</u> Proje	Phone #: 432-766-1918	Midland, TX 79706 Proje	Mailing Address: 701 Tradewinds Blvd. Suite C		Client: NTG Environmental - Bill Direct to EOG X S	Chain-of-Custody Record
	9/8/22 4:00	by: Via certo Date Ti	aluncin 1/2/22 1218	d by: Via:	11 NONO 012	1	restinone oco	11 Mone	2/1 NOV6	11 1000	1 nore	1. nore	11 none	11 NONC	11 None	11 N/A 001	Cooler Lemp(including CF): S.U. CANULARY Container Preservative HEAL No. Type and # Type 220914	# of Coolers: 4	ce: Lixyes Li No	F. Jeremy Reich / i		Becky Haskell	Project Manager:	226200	Project #:	Gissler B #62	Project Name:	X Standard Q Rush 50000	
This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.				Remarks: Direct Bill to EOG, Attn: Chase Settle	XXX	XXX		XXX		XXX	XXX	XXX	XXX	XXX			BTEX: 802 TPH: 8015 Chloride E	D (GR			_	RO	Analysis Request	Tel. 505-345-3975 Fax 505-345-4107	4901 Hawkins NE - Albuquerque, NM 87109	www.hallenvironmental.com	ANALYSIS LABORATORY	HALL ENVIRONMENTAL

Received by Time:	2/2/2) /2/8		1:56:23 P		9/2 11:50	9/2 11:46	Date Time	EDD (Type)		QA/QC Package:	email or Fax#:	Phone #:		Mailing Address:	age lient: NTG	2 of 10 Chaii
Relinquished by:	Keiinquished by:	2			n	5	Matrix		A	ë		432.	Milland	1.1	5 ENO	n-of-C
Time: Relinquished by: Received by: Via: Course Date Time 7 1922 UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	shed by:				SM-4	Sw-3	Sample Name		Az Compliance Other	Level 4 (Full Validation)	5 hashel @ ntglobal . com	1 - 191	Trade wind But Sute c	to 202	· Environmental	Chain-of-Custody Record
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Via: Course	VIA:				none	none	Container Preservative Type and # Type		Sheic	Becky Hoiskel	lager:	226200		ne:	d KRush	d Time:
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October 30, 2017

Johnny Titsworth Burnett Oil Co Inc PO Box 188 Loco Hills, NM 88255 TEL: (432) 425-2891 FAX

RE: Gissler B62

OrderNo.: 1710730

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Johnny Titsworth:

Hall Environmental Analysis Laboratory received 47 sample(s) on 10/12/2017 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 <u>www.hallenvironmental.com</u> 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 #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 1710730

Date Reported: 10/30/2017

Hall Environmental Analysis Laboratory, Inc.

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CLIENT: Burnett Oil Co Inc	Client Sample ID: SP1 0-1									
Project: Gissler B62			Collection D	ate: 10/11/	2017					
Lab ID: 1710730-001	Matrix:	SOIL	Received Date: 10/12/2017 9:15:00 AM							
Analyses	Result	PQL Qual	Units	DF	Date Analyzed					
EPA METHOD 8015M/D: DIESEL RAN	NGE ORGANIC	S			Analyst: TOM					
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/17/2017 12:25:00 PM					
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/17/2017 12:25:00 PM					
Surr: DNOP	101	70-130	%Rec	1	10/17/2017 12:25:00 PM					
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst: NSB					
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/16/2017 9:37:59 PM					
Surr: BFB	88.9	54-150	%Rec	1	10/16/2017 9:37:59 PM					
EPA METHOD 8021B: VOLATILES					Analyst: NSB					
Methyl tert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	10/16/2017 9:37:59 PM					
Benzene	ND	0.024	mg/Kg	1	10/16/2017 9:37:59 PM					
Toluene	ND	0.047	mg/Kg	1	10/16/2017 9:37:59 PM					
Ethylbenzene	ND	0.047	mg/Kg	1	10/16/2017 9:37:59 PM					
Xylenes, Total	ND	0.094	mg/Kg	1	10/16/2017 9:37:59 PM					
Surr: 4-Bromofluorobenzene	95.0	66.6-132	%Rec	1	10/16/2017 9:37:59 PM					
EPA METHOD 300.0: ANIONS					Analyst: MRA					
Chloride	ND	30	mg/Kg	20	10/17/2017 12:10:32 AM					

Qualifiers: *	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	Е	Value above quantitation range
Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 53
ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
PQI	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lal	alytical Report 5 Order 1710730 te Reported: 10/30/2017			
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP1 1	-2			
Project: Gissler B62			Collection D	Date: 10/11/2017				
Lab ID: 1710730-002	Matrix:	SOIL	Received D	ed Date: 10/12/2017 9:15:00 AM				
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	10/17/2017 12:22:57 AM			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora		Analytical Report Lab Order 1710730 Date Reported: 10/30/2017		
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP1 2	-3
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-003	Matrix:	SOIL	Received D	ate: 10/12/	2017 9:15:00 AM
Analyses	Result	PQL Qu	l Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	10/17/2017 12:05:26 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 3 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017				
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP1 3	-4
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-004	Matrix:	SOIL	Received D	ate: 10/12/2	2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS	• • • • • • • • • • • • • • • • • • • •				Analyst: MRA
Chloride	ND	30	mg/Kg	20	10/17/2017 12:17:50 PM

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

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- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, In	IC.		Lat	alytical Report 0 Order 1710730 1e Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			С	lient Sample	ID: SP2 0	-1
Project: Gissler B62				Collection D	ate: 10/11/	2017
Lab ID: 1710730-005	Matrix: SOIL			Received Date: 10/12/2017 9:15:00 AM		
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: MR/

Page 58 of 165

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 5 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Received by OCD: 9/28/2022 1:56:23 PM

Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	alytical Report 0 Order 1710730 1e Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	• ID: SP2 1	-2
Project: Gissler B62			Collection I	Date: 10/11/	2017
Lab ID: 1710730-006	Matrix:	SOIL	Received I	Date: 10/12/2	2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MR
Chioride	35	30	mg/Kg	20	10/17/2017 12:42:40

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	E
	D	Sample Diluted Due to Matrix	H
	н	Holding times for preparation or analysis exceeded	J
	ND	Not Detected at the Reporting Limit	I
	PQL	Practical Quanitative Limit	R

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 6 of 53

Page 59 of 165

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Received by OCD: 9/28/2022 1:56:23 PM

	Project: Gissler B62		
Hall Environmental Analysis Laboratory, Inc. Lab Order 1710730 Date Reported: 10/30/2017 CLIENT: Burnett Oil Co Inc Client Sample ID: SP2 2-3		(_onection Date: 10/11/2017
Hall Environmental Analysis Laboratory, Inc. Lab Order 1710730 Date Reported: 10/30/2017			D. H. M D. A 10/11/0017
Lab Order 1710730	CLIENT: Burnett Oil Co Inc	Cl	ient Sample ID: SP2 2-3
	Hall Environmental Anal	ysis Laboratory, Inc.	Lab Order 1710730
y OCD: 9/28/2022 1:56:23 PM P	1		i)

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mg/Kg

20

10/17/2017 12:55:04 PM

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

Qualifiers:	*	Value exceeds Maximum Containinant Level,
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 7 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Chloride

Hall Environmental Anal	ysis Labora	•••		Lat Dat	alytical Report Order 1710730 le Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc		C	Client Sample	ID: SP2 3	-4
Project: Gissler B62			Collection Da	ate: 10/11/2	2017
Lab ID: 1710730-008	Matrix:	SOIL	Received D	nte: 10/12/	2017 9:15:00 AM
			¥1 14	DE	Date Analyzed
Analyses	Result	PQL Qual	Units	DF	Date Analyzeu
Analyses EPA METHOD 300.0: ANIONS	Result	PQL Qual	Units	D1 ^k	Analyst: MR

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis excee

- H Holding times for preparation or analysis exceededND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 8 % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 8 of 53

Page 61 of 165

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Received by OCD: 9/28/2022 1:56:23 PM



- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 9 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lab	alytical Report 9 Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP2 5	-6
Project: Gissler B62	Collection Date: 10/11/2017				2017
Lab ID: 1710730-010	Matrix: SOIL Received Date: 10/12/2017 9:15:00 AM				2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Anaiyst: MRA
Chloride	220	30	mg/Kg	20	10/17/2017 1:32:18 PM

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 10 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	alytical Report 5 Order 1710730 1e Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP2 6	-7
Project: Gissler B62	Collection Date: 10/11/2017				
Lab ID: 1710730-011	Matrix:	Matrix: SOIL Received Da			2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	420	30	mg/Kg	20	10/17/2017 2:34:22 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 11 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Anal	ysis Laborat	tory, Inc.		Lal	alytical Report 5 Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP2 7	-8
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-012	Matrix:	Received Date: 10/12/2017 9:15:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chioride	1200	75	mg/Kg	50	10/18/2017 5:37:15 PM

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 12 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Laborat	tory, Inc.		Lat	alytical Report o Order 1710730 le Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP2 8	-9
Project: Gissler B62	Collection Date: 10/11/2017				2017
Lab ID: 1710730-013	Matrix: SOIL Receiv			ved Date: 10/12/2017 9:15:00 AM	
Analyses	Result	PQL Qua	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	1200	75	mg/Kg	50	10/18/2017 5:49:39 PM

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

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* Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limitsPage 13 of 53 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1710730

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Date Reported: 10/30/2017

Hall Environmental Analysis Laboratory, Inc.

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CLIENT: Burnett Oil Co Inc	Client Sample ID: SP3 0-1						
Project: Gissler B62	Collection Date: 10/11/2017						
Lab ID: 1710730-014	Matrix:	SOIL	Received D	ate: 10/12/2	2017 9:15:00 AM		
Analyses	Result	PQL Qual	Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANIC	S			Analyst: TOM		
Diesel Range Organics (DRO)	640	9.0	mg/Kg	1	10/17/2017 3:22:16 PM		
Motor Oil Range Organics (MRO)	570	45	mg/Kg	1	10/17/2017 3:22:16 PM		
Surr: DNOP	130	70-130	%Rec	1	10/17/2017 3:22:16 PM		
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/16/2017 10:01:29 PM		
Surr: BFB	85.7	54-150	%Rec	1	10/16/2017 10:01:29 PM		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	10/16/2017 10:01:29 PM		
Benzene	ND	0.024	mg/Kg	1	10/16/2017 10:01:29 PM		
Toluene	ND	0.047	mg/Kg	1	10/16/2017 10:01:29 PM		
Ethylbenzene	ND	0.047	mg/Kg	1	10/16/2017 10:01:29 PM		
Xylenes, Total	ND	0,095	mg/Kg	1	10/16/2017 10:01:29 PM		
Surr: 4-Bromofluorobenzene	88.7	66.6-132	%Rec	1	10/16/2017 10:01:29 PM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	1500	75	mg/Kg	50	10/18/2017 6:02:04 PM		

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 14 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range duc to dilution or matrix	W	Sample container temperature is out of limit as specified

Released to Imaging: 10/6/2022 1:57:17 PM

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Hall Environmental Anal	ysis Laborat	tory, Inc.		Lab	alytical Report Order 1710730 e Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc		(Client Sample	ID: SP3 1	-2
Project: Gissler B62			Collection D	ate: 10/11/2	2017
Lab ID: 1710730-015	Matrix: SOIL Received Date: 10/12/2017 9:				2017 9:15:00 AM
Analyses	Result	PQL Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	1500	75	mg/Kg	50	10/18/2017 6:14:28 PM

Oualifiers :	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the
X	D	Sample Diluted Due to Matrix	Е	Value above quantitati
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Ran
	PQL	Practical Quanitative Limit	RL	Reporting Detection Li
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temp

- ne associated Method Blank
- tion range
- ow quantitation limit Page 15 of 53
- inge
- Limit
- perature is out of limit as specified

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Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017				
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP3 2	-3
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-016	Matrix:	SOIL	Received D	ate: 10/12/	2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	100	30	mg/Kg	20	10/17/2017 3:36:25 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 16 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Ana	alvsis Laboratory, Inc.	Lab Order 1710730 Date Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc		ent Sample ID: SP3 3-4
CLIENT: Dunct On CU IIC		•
Project: Gissler B62	C	Collection Date: 10/11/2017

30

mg/Kg

20

10/17/2017 3:48:50 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	A
	D	Sample Diluted Due to Matrix	Е	V
	Н	Holding times for preparation or analysis exceeded	J	Α
	ND	Not Detected at the Reporting Limit	Р	S
	POL	Practical Quanitative Limit	RL	R

- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limitsPage 17 of 53

Page 70 of 165

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Received by OCD: 9/28/2022 1:56:23 PM

Chloride

Received by	OCD:	9/28/2022	1:56:23	PM

Hall Environmental Anal		Analytical Report Lab Order 1710730 Date Reported: 10/30/2017			
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP3 4	-5
Project: Gissler B62			Collection D	a te: 10/11/	2017
Lab ID: 1710730-018	Matrix: SOIL Received Date: 10/12/2017 9:15:0			2017 9:15:00 AM	
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	51	30	mg/Kg	20	10/17/2017 4:01:15 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range

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- J Analyte detected below quantitation limits Page 18 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

j

Hall Environmental Anal	Lat	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017			
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP3 5	-6
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-019	Matrix:	SOIL	Received D	ate: 10/12/	2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	62	30	mg/Kg	20	10/17/2017 4:38:28 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Ar
	D	Sample Diluted Due to Matrix	Е	Va
	Н	Holding times for preparation or analysis exceeded	J	Ar
	ND	Not Detected at the Reporting Limit	Р	Sa
	PQL	Practical Quanitative Limit	RL	Re

S % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limit Page 19 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified
.

Hall Environmental Anal	ysis Labora		alytical Report 9 Order 1710730 1e Reported: 10/30/2017		
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP3 6	-7
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-020	Matrix: SOIL Received Date: 1				2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS	<u>.</u>				Analyst: CJS
Chloride	52	30	mg/Kg	20	10/17/2017 1:58:09 PM

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Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 20 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Anal	ysis Labora	tory, Inc	•	Lat	a lytical Report 5 Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	• ID; SP3 7	-8
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-021	Matrix: SOIL Received Date: 10/12/2017 9:15:00 AM				
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: CJS

Page 74 of 165

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 21 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Received by OCD: 9/28/2022 1:56:23 PM

Hall Environmental Anal	ysis Laborat	tory, Inc.	Analytical Report Lab Order 1710730 Date Reported: 10/30/2		
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP3 8	-9
Project: Gissler B62			Collection D	nte: 10/11/2	2017
Lab ID: 1710730-022	Matrix: SOIL Received Date: 10/12/2017 9				2017 9:15:00 AM
Analyses	Result	PQL Qual	Units	DF	Date Analyzed
EPA METHOD 300.0; ANIONS					Analyst: CJS
Chloride	110	30	mg/Kg	20	10/17/2017 2:47:46 PM

Qualifiers:	*
	D

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits page 22 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017				
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP3 9	-10
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-023	Matrix:	SOIL	Received D	ate: 10/12/	2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: CJS
Chloride	75	30	mg/Kg	20	10/17/2017 3:00:11 PM

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Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 23 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

by OCD: 9/28/2022 1:56:23 PM			l)	
Hall Environmental Analy	vsis Labora	tory, Inc.		Lat	alytical Report o Order 1710730 le Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	e ID: SP4 0	-1
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-024	Matrix: SOIL Received Date: 10/12/2017 9:15:00 AM			2017 9:15:00 AM	
Analyses	Result	PQL Qua	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	3			Analyst: TOM
Diesei Range Organics (DRO)	. 290	9.2	mg/Kg	1	10/17/2017 4:06:23 PM
Motor Oil Range Organics (MRO)	160	46	mg/Kg	1	10/17/2017 4:06:23 PM
Surr: DNOP	118	70-130	%Rec	1	10/17/2017 4:06:23 PM
EPA METHOD 8015D: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/16/2017 10:24:55 PM

54-150

75

109

1200

%Rec

mg/Kg

1

50

10/16/2017 10:24:55 PM

10/18/2017 6:51:41 PM

Analyst: MRA

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method B
	Ð	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit

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Surr: 8F8

Chloride

EPA METHOD 300.0: ANIONS

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- Page 24 of 53
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Analyses		Result	PQL	Qual	Units	DF	Date Analyzed
Lab ID:	1710730-025	Matrix: SOIL Received Date: 10/12/20			2017 9:15:00 AM		
Project: (Gissler B62				Collection I	Date: 10/11/2	2017
CLIENT: I	Burnett Oil Co Inc			С	lient Sample	e ID: SP4 1	-2
Hall Env	vironmental Anal	ne.	Lab Order 1710730 Date Reported: 10/30				
							alytical Report

150

mg/Kg

2600

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Chloride

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank

100

10/18/2017 7:04:07 PM

- E Value above quantitation range
- J Analyte detected below quantitation limits Page 25 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017					
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP4 2	-3	
Project: Gissler B62	Collection Date: 10/11/2017				2017	
Lab ID: 1710730-026	Matrix: SOIL Received			Date: 10/12/2017 9:15:00 AM		
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	
EPA METHOD 300.0: ANIONS					Analyst: CJS	
Chloride	1100	30	mg/Kg	20	10/17/2017 4:02:14 PM	

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Qualifiers:	*	Value exceeds Maximum Contaminant Level,	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 26 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017				
CLIENT: Burnett Oil Co Inc			Client Sample		A
Project: Gissler B62			Collection D		
Lab ID: 1710730-027	Matrix: SOIL Received Date: 10/12			ate: 10/12/	2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	2000	75	mg/Kg	50	10/18/2017 7:16:31 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	Н	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	001	n (10 h) 15 h

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 27 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Ana	ysis Labora	tory, In	ıc.		Lab	alytical Report Order 1710730 e Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Cli	ent Sample	e ID: SP4 4-	-5
Project: Gisster B62			C	Collection D	Date: 10/11/2	2017
Lab ID: 1710730-028	Matrix: SOIL Received Date: 10/12/2017 9:15:00 AM				2017 9:15:00 AM	
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: MR
Chloride	2600	150		mg/Kg	100	10/18/2017 7:28:56 PM

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

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 28 of 53

Page 81 of 165

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017				
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP4 5	-6
Project: Gissler B62	Collection Date: 10/11/2017				2017
Lab ID: 1710730-029	Matrix: SOIL Received D			ate: 10/12/2017 9:15:00 AM	
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chioride	2000	75	mg/Kg	50	10/18/2017 7:41:21 PM

Qualifiers: *	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 29 of 53
NI	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
PQ	 Practical Quanitative Limit 	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report Lab Order 1710730

Date Reported: 10/30/2017

Hall Environmental Analysis Laboratory, Inc.

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CLIENT: Burnett Oil Co Inc	Client Sample ID: SP5 0-1 Collection Date: 10/11/2017					
Project: Gissler B62						
Lab ID: 1710730-030	Matrix:	SOIL	Received D	Received Date: 10/12/2017 9:15:00 AM		
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANIC	S			Analyst: TOM	
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/17/2017 1:31:39 PM	
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/17/2017 1:31:39 PM	
Surr: DNOP	99.6	70-130	%Rec	1	10/17/2017 1:31:39 PM	
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst: NSB	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/16/2017 10;48:08 PM	
Surr: BFB	96.0	54-150	%Rec	1	10/16/2017 10:48:08 PM	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Methyl tert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	10/16/2017 10:48:08 PM	
Benzene	ND	0.024	mg/Kg	1	10/16/2017 10:48:08 PM	
Toluene	ND	0.049	mg/Kg	1	10/16/2017 10:48:08 PM	
Ethylbenzene	ND	0.049	mg/Kg	1	10/16/2017 10:48:08 PM	
Xylenes, Total	ND	0.097	mg/Kg	1	10/16/2017 10:48:08 PM	
Surr: 4-Bromofluorobenzene	99.4	66.6-132	%Rec	1	10/16/2017 10:48:08 PM	
EPA METHOD 300.0: ANIONS					Analyst: CJS	
Chloride	39	30	mg/Kg	20	10/17/2017 4:51:54 PM	

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the a
	D	Sample Diluted Due to Matrix	Е	Value above quantitatio
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Rang
	PQL	Practical Quanitative Limit	RL	Reporting Detection Lin
	S	% Recovery outside of range due to dilution or matrix	W	Sample container tempe

- % Recovery outside of range due to dilution or matrix
- associated Method Blank
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- v quantitation limitsPage 30 of 53
- ıge
- imit
 - W Sample container temperature is out of limit as specified

Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017				
CLIENT: Burnett Oil Co Inc		C	lient Sample	ID: SP5 1	-2
Project: Gissler B62	Collection Date: 10/11/2017				2017
Lab ID: 1710730-031	Matrix: SOIL Received			ate: 10/12/2	2017 9:15:00 AM
Analyses	Result	PQL Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	290	30	mg/Kg	20	10/18/2017 1:04:14 PM

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

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- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 31 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1710730 Date Reported: 10/30/2017

Hall Environmental Anal	ory, Inc.		Da	te Reported: 10/30/2017		
CLIENT: Burnett Oil Co Inc	Client Sample ID: SP5 2-3					
Project: Gissler B62	Collection Date: 10/11/2017				2017	
Lab ID: 1710730-032	Matrix: SOIL		Received Date: 10/12/2017 9:15:00 AM			
Analyses	Result	PQL Qual	Units	DF	Date Analyzed	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	33	30	mg/Kg	20	10/18/2017 1:16:38 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 32 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	alytical Report Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP5 3	-4
Project: Gissler B62			Collection D	ate: 10/11/2	2017
Lab ID: 1710730-033	Matrix:	SOIL	Received Date: 10/12/2017 9:15:00		2017 9:15:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MR A
Chioride	36	30	mg/Kg	20	10/18/2017 1:53:51 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 33 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Received by OCD: 9/28/2022 1:56:23 PM

Analytical Report Lab Order 1710730 Date Reported: 10/30/2017

CLIENT: Burnett Oil Co Inc			Client Sample	e ID: SP5 4	-5		
Project: Gissler B62		Collection Date: 10/11/2017					
Lab ID: 1710730-034	Matrix:	SOIL	Received D	Received Date: 10/12/2017 9:15:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	10/18/2017 2:06:16 PM		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
I	D	Sample Diluted Due to Matrix	Έ	Value above quantitation range
H	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 34 of 53
N	łD	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
PC	QL	Practical Quanitative Limit	RL	Reporting Detection Limit
5	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental A	nalysis Laboratory, Inc	2.	Lat	a lytical Report o Order 1710730 le Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc		Client Sample	• ID: SP5 5	-6
Project: Gissler B62		Collection D	ate: 10/11/2	2017
Lab ID: 1710730-035	Matrix: SOIL	Received D	ate: 10/12/2	2017 9:15:00 AM
Analyses	Result PQL (Qual Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS	· · · · · · · · · · · · · · · · · · ·			Analyst: M

30

mg/Kg

35

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20

10/18/2017 2:18:41 PM

Chioride

Received by OCD: 9/28/2022 1:56:23 PM

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Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associa
	D	Sample Diluted Due to Matrix	E	Value above quantitation rang
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quanti
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
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- \mathbf{S} % Recovery outside of range due to dilution or matrix
- iated Method Blank
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- ntitation limitsPage 35 of 53
- Sample container temperature is out of limit as specified W

Hall Environmental Anal	ysis Laborat	tory, Inc.		Lat	a lytical Report 5 Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP5 6	-7
Project: Gissler B62			Collection D	ate: 10/11/	2017
Lab ID: 1710730-036	Matrix:	Received D	ed Date: 10/12/2017 9:15:00 AM		
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	40	30	mg/Kg	20	10/18/2017 2:31:05 PM

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 36 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	alytical Report Order 1710730 ie Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc Project: Gissler B62		(Client Sample		
Lab ID: 1710730-037	Matrix:	SOIL	Collection Date: 10/11/2017 Received Date: 10/12/2017 9:15:00 AM		
Analyses	Result	PQL Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	40	30	mg/Kg	20	10/18/2017 2:43:30 PM

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limit Page 37 of 53 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	a lytical Report 5 Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP5 8	-9
Project: Gissler B62			Collection Da	ate: 10/11/	2017
Lab ID: 1710730-038	Matrix:	SOIL	Received Da	ate: 10/12/	2017 9:15:00 AM
Analyses	Result	PQL Qu	ıl Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS	······································				Analyst: MRA
Chloride	31	30	mg/Kg	20	10/18/2017 3:20:44 PM

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

Qualifiers:

- ٠ Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limit Page 38 of 53 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	nalytical Report 5 Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc		l	Client Sample	ID: SP5 9	-10
Project: Gissler B62			Collection D	ate: 10/11/2	2017
Lab ID: 1710730-039	Matrix: SOIL Received			Date: 10/12/2017 9:15:00 AM	
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	10/18/2017 3:33:09 PM

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

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- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limitsPage 39 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Date Reported: 10/30/2017		
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP6 0	-1	
Project: Gissler B62			Collection D	ate: 10/11/	2017	
Lab ID: 1710730-040	Matrix: SOIL Received			Date: 10/12/2017 9:15:00 AM		
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	
EPA METHOD 300.0: ANIONS					Analyst: MR A	
Chloride	ND	30	mg/Kg	20	10/18/2017 3:45:33 PM	

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- U	112	1113	ers	:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limitsPage 40 of 53 j
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	a lytical Report 5 Order 1710730 te Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP6 1	-2
Project: Gissler B62			Collection Da	ate: 10/11/	2017
Lab ID: 1710730-041	Matrix:	2017 9:15:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chioride	ND	30	mg/Kg	20	10/18/2017 4:22:47 PM

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limit Page 41 of 53 J
- Р Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified W

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Hall Environmental Anal	ysis Laborat	tory, Inc.		Lat	alytical Report 5 Order 1710730 1e Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc		(lient Sample	1D: SP6 2	-3
Project: Gissler B62			Collection D:	a te: 10/11/2	2017
Lab ID: 1710730-042	Matrix: SOIL Received			Date: 10/12/2017 9:15:00 AM	
Analyses	Result	PQL Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	100	30	mg/Kg	20	10/18/2017 4:35:11 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	1	Analyte detected below quantitation limit Page 42 of 53
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report Lab Order 1710730

Hall Environmental Analysis Laboratory, Inc.

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Date Reported: 10/30/2017

CLIENT: Burnett Oil Co Inc	Client Sample ID: SP7 0-1 Collection Date: 10/11/2017						
Projeet: Gissler B62							
Lab ID: 1710730-043	Matrix: SOIL		Received D	Received Date: 10/12/2017 9:15:00 AN			
Analyses	Result	PQL Qual	Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANIC	S			Analyst: TOM		
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/17/2017 1:53:48 PM		
Motor Oil Range Organics (MRO)	ND	51	mg/Kg	1	10/17/2017 1:53:48 PM		
Surr: DNOP	97.7	70-130	%Rec	1	10/17/2017 1:53:48 PM		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/16/2017 11:11:33 PM		
Surr: BFB	91.0	54-150	%Rec	1	10/16/2017 11:11:33 PM		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Methyl tert-butyl ether (MTBE)	ND	0.093	mg/Kg	1	10/16/2017 11:11:33 PM		
Benzene	ND	0.023	mg/Kg	1	10/16/2017 11:11:33 PM		
Toluene	ND	0.046	mg/Kg	1	10/16/2017 11:11:33 PM		
Ethylbenzene	ND	0.046	mg/Kg	1	10/16/2017 11:11:33 PM		
Xylenes, Total	ND	0.093	mg/Kg	1	10/16/2017 11:11:33 PM		
Surr: 4-Bromofluorobenzene	93.8	66.6-132	%Rec	1	10/16/2017 11:11:33 PM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	10/18/2017 4:47:36 PM		

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limitspage 43 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Anal	ysis Labora	tory, Inc.		Lat	alytical Report 9 Order 1710730 e Reported: 10/30/2017
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP7 1	-2
Project: Gissler B62			Collection D	ate: 10/11/2	2017
Lab ID: 1710730-044	Matrix:	ate: 10/12/2	/2017 9:15:00 AM		
Analyses	Result	PQL Qu	l Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	10/18/2017 5:00:01 PM

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

- Qualifiers:
- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- NDNot Detected at the Reporting LimitPQLPractical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 44 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal	ysis Laborat	tory, Inc.		Lab	nlytical Report o Order 1710730 le Reported: 10/30/2017	
CLIENT: Burnett Oil Co Inc			Client Sample	ID: SP7 2	-3	
Project: Gissler B62			Collection Da	Date: 10/11/2017		
Lab ID: 1710730-045	Matrix: SOIL Receiv			ved Date: 10/12/2017 9:15:00 AM		
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	ND	30	mg/Kg	20	10/18/2017 5:12:26 PM	

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

Oualifiers	•

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- $E \qquad \mbox{Value above quantitation range}$
- J Analyte detected below quantitation limits Page 45 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Anal	Analytical Report Lab Order 1710730 Date Reported: 10/30/2017							
CLIENT: Burnett Oil Co Inc	Client Sample ID: SP7 3-4							
Project: Gissler B62		2017						
Lab ID: 1710730-046	Matrix:	SOIL	Received D	2017 9:15:00 AM				
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	10/18/2017 5:24:50 PM			

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limitsPage 46 of 53
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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Hall Environmental Anal		Analytical Report Lab Order 1710730 Date Reported: 10/30/2017							
CLIENT: Burnett Oil Co Inc	Client Sample ID: SP7 4-5								
Project: Gissler B62			Collection Da	a te: 10/11/:	2017				
Lab ID: 1710730-047	Matrix:	SOIL	Received D	a te: 10/12/3	2017 9:15:00 AM				
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	30	mg/Kg	20	10/19/2017 12:14:19 PM				

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Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in
	D	Sample Diluted Due to Matrix	E	Value above quanti
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected be
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In 1
	PQL	Practical Quanitative Limit	RL	Reporting Detectio
	-			

- S % Recovery outside of range due to dilution or matrix
- in the associated Method Blank
- titation range
- below quantitation limitsPage 47 of 53
- Range
- ion Limit
- Sample container temperature is out of limit as specified W

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30-Oct-17

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Client:	Burnett	Oil Co Inc	
Project:	Gissler I	B62	
Sample ID	MB-34430	SampType: mblk TestCode: EPA Method 300.0: Anions	=
Client ID:	PBS	Batch ID: 34430 RunNo: 46405	
Prep Date:		Analysis Date: 10/16/2017 SeqNo: 1478531 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	
Chloride		ND 1.5	
Sample ID	LCS-34430	SampType: Ics TestCode: EPA Method 300.0: Anions	\neg
Client ID:	LCSS	Batch ID: 34430 RunNo: 46405	
Prep Date:	10/16/2017	Analysis Date: 10/16/2017 SeqNo: 1478532 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Quat	
Chloride		14 1.5 15.00 0 93.1 90 110	
Sample ID	MB-34438	SampType: mblk TestCode: EPA Method 300.0: Anions	\neg
Client ID:	PBS	Batch ID: 34438 RunNo: 46401	
Prep Date:	10/17/2017	Analysis Date: 10/17/2017 SeqNo: 1479260 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	
Chloride		ND 1.5	
Sample ID	LCS-34438	SampType: Ics TestCode: EPA Method 300.0: Anions	
Client ID:	LCSS	Batch iD: 34438 RunNo: 46401	
Prep Date:	10/17/2017	Analysis Date: 10/17/2017 SeqNo: 1479261 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	
Chloride		14 1.5 15.00 0 95.5 90 110	BB
Sample ID	MB-34478	SampType: mblk TestCode: EPA Method 300.0: Anions	
Client ID:	PBS	Batch ID: 34478 RunNo: 46444	
Prep Date:	10/18/2017	Analysis Date: 10/18/2017 SeqNo: 1480600 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	
Chloride		ND 1.5	
Sample ID	LCS-34478	SampType: Ics TestCode: EPA Method 300.0: Anions	
Client ID:	LCSS	Batch ID: 34478 RunNo: 46444	
Prep Date:	10/18/2017	Analysis Date: 10/18/2017 SeqNo: 1480601 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLímit HighLimit %RPD RPDLimit Qual	
Chloride		14 1.5 15.00 0 95.0 90 110	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
 - Sample pH Not In Range

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RL Reporting Detection Limit

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W Sample container temperature is out of limit as specified

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Client: Project:	Burnet Gissler	t Oil Co Inc · B62									
Sample ID	MB-34512	Tes									
Client ID;	PBS	Batch	h ID: 34	512	ન	RunNo: 4	6501				
Prep Date:	10/19/2017	Analysis D	Date: 10)/19/2017	S	SeqNo: 1	481736	Units: mg/M	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-34512	SampT	ype: Ics	3	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID:	LCSS	Batch	h ID: 34	512	F	RunNo: 4	6501				
Prep Date:	10/19/2017	Analysis D	Date: 10	0/19/2017	5	SeqNo: 1	461737	Units: mg/M	ģ		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Chloride		14	1.5	15.00	0	92.4	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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1710730

30-Oct-17

WO#:

SUMINIARY REPORT	WO#:	1710730
Environmental Analysis Laboratory, Inc.		30-Oct-17

Project: Sample ID	Gissler B	(A)									
Sample ID		62									
	LCS-34421	SampTy	/pe: LC	s	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	LCSS	Batch	ID: 34	421	7	RunNo: 4	6392				
Prep Date:	10/16/2017	Analysis Da	ate: 10	0/17/2017	S	SeqNo: 1	478057	Units: mg/H	<g< td=""><td></td><td></td></g<>		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	rganics (DRO)	45	10	50,00	0	90.2	73.2	114			
Surr: DNOP		3.6		5,000		72.8	70	130			
Sample ID	MB-34421	SampTy	/pe: Mi	BLK	Tes	tCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	PBS	Batch	iD: 34	421	F	RunNo: 4	8392				
Prep Date:	10/16/2017	Analysis Da	ate: 1	0/17/2017	S	SeqNo: 1	478058	Units: mg/h	<g< td=""><td></td><td></td></g<>		
Analyte		Resuit	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
•	vrganics (DRO)	ND	1D								
lotor Oil Range	e Organics (MRO)	ND	50								
Surr: DNOP		8.2		10.00	-	82.4	70	130			
	1710730-001AMS	8.2 SampTy	/pe: M \$		Tes			130 8015M/D: Di	esel Rang	e Organics	
Sample ID	1710730-001AMS SP1 0-1	SampTy	/pe: M: ID: 34	S			PA Method		esel Rang	e Organics	
Sample ID Client ID:		SampTy	ID: 34	S 421	F	tCode: El	PA Method 6391		5	e Organics	
Sample ID Client ID:	SP1 0-1	SampTy Batch	ID: 34	S 421 0/17/2017	F	tCode: El RunNo: 4 SeqNo: 1	PA Method 6391	8015M/D: Di	5	e Organics RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte	SP1 0-1	SampTy Batch Analysis Da	ID: 34 ate: 10	S 421 0/17/2017	F	tCode: El RunNo: 4 SeqNo: 1	PA Method 6391 478594	8015M/D: Di Units: mg/H	- <g< td=""><td>-</td><td>Qual</td></g<>	-	Qual
Sample ID Client ID: Prep Date: Analyte	SP1 0-1 10/16/2017	SampTy Batch Analysis Da Result	ID: 34 ate: 10 PQL	S 421 D/17/2017 SPK value	F S SPK Ref Val	tCode: El RunNo: 4 SeqNo: 1 %REC	PA Method 6391 478594 LowLimit	8015M/D: Di Units: mg/H HighLimit	- <g< td=""><td>-</td><td>Qual</td></g<>	-	Qual
Sample ID Client ID: Prep Date: Analyte Nesel Range C Surr: DNOP	SP1 0-1 10/16/2017	SampTy Batch Analysis Da Result 46 4.7	ID: 34 ate: 10 PQL 9.6	S 421 0/17/2017 SPK value 48.22 4.822	F S SPK Ref Val 0	tCode: El RunNo: 4 SeqNo: 1 %REC 95.8 98.2	PA Method 6391 478594 LowLimit 55.8 70	801 5M/D: Di Units: mg/ F HighLimit 122	- (g %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Viesel Range C Surr: DNOP Sample ID	SP1 0-1 10/16/2017 Drganics (DRO)	SampTy Batch Analysis Da Result 46 4.7 SampTy	ID: 34 ate: 10 PQL 9.6	S 421 0/17/2017 SPK value 48.22 4.822 SD	F S SPK Ref Val 0 Tes	tCode: El RunNo: 4 SeqNo: 1 %REC 95.8 98.2	PA Method 6391 478594 LowLimit 55.8 70 PA Method	801 5M/D: Di Units: mg/ F HighLimit 122 130	- (g %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte biesel Range C Surr: DNOP Sample ID Client ID:	SP1 0-1 10/16/2017 Drganics (DRO) 1710730-001AMSE	SampTy Batch Analysis Da Result 46 4.7 SampTy	ID: 34 ate: 10 PQL 9.6 ype: M3 ID: 34	S 421 0/17/2017 SPK value 48.22 4.822 5D 421	F S SPK Ref Val 0 Tes F	tCode: E RunNo: 4 SeqNo: 1 %REC 95.8 98.2 tCode: E	PA Method 6391 478594 LowLimit 55.8 70 PA Method 6391	801 5M/D: Di Units: mg/ F HighLimit 122 130	<g %RPD esel Rang</g 	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte biesel Range C Surr: DNOP Sample ID Client ID:	SP1 0-1 10/16/2017 Drganics (DRO) 1710730-001AMSE SP1 0-1	SampTy Batch Analysis Da Result 46 4.7 O SampTy Batch	ID: 34 ate: 10 PQL 9.6 ype: M3 ID: 34	S 421 0/17/2017 SPK value 48.22 4.822 SD 421 0/17/2017	F S SPK Ref Val 0 Tes F	tCode: El RunNo: 4 SeqNo: 1 %REC 95.8 98.2 tCode: El RunNo: 4 SeqNo: 1	PA Method 6391 478594 LowLimit 55.8 70 PA Method 6391	8015M/D: Di Units: mg/F HighLimit 122 130 8015M/D: Di	<g %RPD esel Rang</g 	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Nesel Range C Surr: DNOP Sample ID Client ID: Prep Date: Analyte	SP1 0-1 10/16/2017 Drganics (DRO) 1710730-001AMSE SP1 0-1	SampTy Batch Analysis Da Result 46 4.7 SampTy Batch Analysis Da	ID: 34 ate: 10 9.6 ype: MS ID: 34 ate: 10	S 421 0/17/2017 SPK value 48.22 4.822 SD 421 0/17/2017	F S SPK Ref Val 0 Tes F S	tCode: El RunNo: 4 SeqNo: 1 %REC 95.8 98.2 tCode: El RunNo: 4 SeqNo: 1	PA Method 6391 478594 LowLimit 55.8 70 PA Method 6391 478676	8015M/D: Di Units: mg/H HighLimit 122 130 8015M/D: Di Units: mg/H	<g %RPD esel Rang <g< td=""><td>RPDLimit e Organics</td><td></td></g<></g 	RPDLimit e Organics	

Qualifiers:

- Value exceeds Maximum Contaminant Level. ŵ
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Page 50 of 53

- Ρ Sample pH Not In Range RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#: 1710730

30-Oct-17

Client:	Burnett C	Dil Co Inc									
Project:	Gissler B	62									
Sample ID	MB-34409	SampT	ype: ME	BLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID:	PBS	Batch ID: 34409			RunNo: 46367						
Prep Date:	10/13/2017	Analysis D	ate: 10	0/16/2017	e	SeqNo: 1	477847	Units: mg/M	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 900	5.0	1000		89.5	54	150			
Sample ID	ample ID LCS-34409 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range										
Client ID:	LCSS	409	F	RunNo: 4	6367						
Prep Date:	10/13/2017	Analysis D	ate: 10	0/16/2017	e	SeqNo: 1	477848	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	30	5.0	25.00	0	121	75.9	131			
Surn: BFB		1100		1000		111	54	150			
Sample ID	1710730-014AMS	SampT	уре: М	3	TestCode: EPA Method 8015D: Gasoline Range						
Client ID:	SP3 0-1	Batch	n ID: 34	409	RunNo: 46367						
Prep Dale:	10/13/2017	Analysis D	ate: 10	0/16/2017	5	SeqNo: 1	477851	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Gasoline Rang	e Organics (GRO)	25	4.8	24.06	0	102	77.8	128			
Sun: BFB		960		962.5		99.3	54	150			
Sample iD	1710730-014AMSI	D SampT	уре: М	3D	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	SP3 0-1	Batch	1D: 34	409	F	RunNo: 4	6367				
Prep Date:	10/13/2017	Analysis D	ate: 10	0/16/2017	Ę	GegNo: 1	477852	Units: mg/M	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	24	4.7	23.34	0	103	77.8	128	2.60	20	
Surr: BFB		910		933.7		97.5	54	150	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level,
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Page 51 of 53

- P Sample pH Not In Range RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Client: -. Burnett Oil Co Inc

	D ()										
Project: Gissler	• B62										
Sample ID MB-34409	SampT	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batcl	h ID: 34	409	R	RunNo: 46367						
Prep Date: 10/13/2017	Analysis D	Date: 10)/16/2017	SeqNo: 1477877			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Methyl tert-butyl ether (MTBE)	ND	0.10									
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromolluorobenzene	0.94		1.000		94.1	66.6	132				
Sample ID LCS-34409	Samp1	Гуре: LC	S	Test	Code: El	PA Method	8021B: Vola	tiles			
Client ID: LCSS	Batc	h ID: 34	409	R	tunNo: 4	6367					
Prep Date: 10/13/2017	Analysis E	Date: 10)/16/2017	S	eqNo: 14	477878	Units: mg/H	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Methyl tert-butyl elher (MTBE)	0.91	0.10	1.000	0	90,6	66.5	120				
Benzene	0.98	0.025	1.000	0	98.3	80	120				
Toluene	0.98	0.050	1.000	0	98.1	80	120				
Ethylbenzene	1.0	0.050	1.000	0	101	80	120				
Xylenes, Total	3.0	0.10	3.000	0	100	80	120				
Surr: 4-Bromofluorobenzene	1.1		1.000		108	66,6	132				
Sample ID 1710730-001AM	TestCode: EPA Method 8021B: Volatiles										
	IS SampT	Type: Inc)	100			RunNo: 46367				
Client ID: SP1 0-1		h ID: 34			unNo: 4	6367					
		h ID: 34	409	R	tunNo: 4		Units: mg/H	(g			
Client ID: SP1 0-1	Batc	h ID: 34	409)/16/2017	R			Units: mg/H HighLimit	(g _%RPD	RPDLimit	Qual	
Client ID: SP1 0-1 Prep Date: 10/13/2017	Batch Analysis D	h ID: 34 Date: 10	409)/16/2017	R	eqNo: 1	477880	HighLimit 138	-	RPDLimit	Qual	
Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte	Batcl Analysis E Result 0.76 0.82	h ID: 34 Date: 10 <u>PQL</u> 0.094 0.024	409 0/16/2017 SPK value 0.9407 0.9407	R S SPK Ref Val 0 0	eqNo: 14 <u>%REC</u> 80.3 87.7	477880 LowLimit 72.5 80.9	HighLimit 138 132	-	RPDLimit	Qual	
Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene	Batcl Analysis E Result 0.76 0.82 0.83	h ID: 34 Date: 10 PQL 0.094 0.024 0.047	409 0/16/2017 SPK value 0.9407 0.9407 0.9407	R S SPK Ref Val 0 0 0	eqNo: 14 <u>%REC</u> 80.3 87.7 88.1	477880 LowLimit 72.5 80.9 79.8	HighLimit 138 132 136	-	RPDLimit	Qual	
Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene Ethylbenzene	Batcl Analysis D Result 0.76 0.82 0.83 0.85	h ID: 34 Date: 10 PQL 0.094 0.024 0.047 0.047	409 2/16/2017 SPK value 0.9407 0.9407 0.9407 0.9407	R S SPK Ref Val 0 0 0 0	eqNo: 14 %REC 80.3 87.7 88.1 90.1	477880 LowLimit 72.5 80.9 79.8 79.8 79.4	HighLimit 138 132 136 140	-	RPDLimit	Qual	
Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene Ethylbenzene Xylenes, Total	Batcl Analysis D Result 0.76 0.82 0.83 0.85 2.5	h ID: 34 Date: 10 PQL 0.094 0.024 0.047	409)/16/2017 SPK value 0.9407 0.9407 0.9407 2.822	R S SPK Ref Val 0 0 0	eqNo: 14 %REC 80.3 87.7 88.1 90.1 90.2	477880 LowLimit 72.5 80.9 79.8 79.4 78.5	HighLimit 138 132 136 140 142	-	RPDLimit	Qual	
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Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	Batcl Analysis D Result 0.76 0.82 0.83 0.85 2.5 0.92 MSD Samp1	h ID: 34- Date: 10 PQL 0.094 0.024 0.047 0.047 0.094	409 5PK value 0.9407 0.9407 0.9407 0.9407 0.9407 2.822 0.9407 5D	R S SPK Ref Val 0 0 0 0 0 Test	eqNo: 1/ %REC 80.3 87.7 88.1 90.1 90.2 97.5	477880 LowLimit 72.5 80.9 79.8 79.4 79.4 78.5 66.6 PA Method	HighLimit 138 132 136 140 142 132	%RPD	RPDLimit	Qual	
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Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID 1710730-001AM Client ID: SP1 0-1	Batcl Analysis D Result 0.76 0.82 0.83 0.85 2.5 0.92 MSD Samp1 Batcl	h ID: 34 Date: 10 PQL 0.094 0.024 0.047 0.047 0.094 Fype: MS h ID: 34	409)/16/2017 SPK value 0.9407 0.9407 0.9407 2.822 0.9407 5D 409)/16/2017	F SPK Ref Val 0 0 0 0 0 0 Test R	REC 80.3 87.7 88.1 90.1 90.2 97.5 Code: EI	477880 LowLimit 72.5 80.9 79.8 79.4 78.5 66.6 PA Method 6367	HighLimit 138 132 136 140 142 132 8021B: Vola	%RPD	RPDLimit	Qual	
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Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID 1710730-001AM Client ID: SP1 0-1 Prep Date: 10/13/2017 Analyte	Batcl Analysis D Result 0.76 0.82 0.83 0.85 2.5 0.92 MSD Samp Batcl Analysis D Result 0.82 0.87	h ID: 34 Date: 10 PQL 0.094 0.024 0.047 0.047 0.094 Fype: MS h ID: 34 Date: 10 PQL 0.098 0.025	409 x/16/2017 SPK value 0.9407 0.9407 0.9407 2.822 0.9407 2.822 0.9407 5D 409 x/16/2017 SPK value 0.9843 0.9843	F S SPK Ref Val 0 0 0 0 Test R SPK Ref Val	REC 80.3 87.7 88.1 90.1 90.2 97.5 Code: El cunNo: 44 ceqNo: 14 ceqNo: 14 ceq	477880 LowLimit 72.5 80.9 79.8 79.4 78.5 66.6 PA Method 6367 477881 LowLimit 72.5 80.9	HighLimit 138 132 136 140 142 132 8021B: Vola Units: mg/F HighLimit 138 132	%RPD blies 5 7.93 5.59	RPDLimit 20 20		
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Qualifiers:

Value exceeds Maximum Contaminant Level. *

Sample Diluted Due to Matrix D

- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В Ε
 - Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

30-Oct-17

1710730

WO#:

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QC SUMMARY REPORT	WO#:	1710730
Hall Environmental Analysis Laboratory, Inc.		30-Oct-17

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Client: Project:	Burnett O Gissler B6										
Sample ID 17	10730-001AMSD	SampT	уре: Ма	3D	Tes						
Client ID; SF	P1 0-1	Batch	1D: 34	409	F	RunNo: 4	6367				
Prep Date: 1	0/13/2017	Analysis E	ate: 10)/16/2017	S	SeqNo: 1	477881	Units: mg/h	۲g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total		2.7	0.098	2.953	0	92.4	78.5	142	6.88	20	
Surr: 4-Bromoflu	orobenzene	0.99		0.9843		100	66.6	132	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-5	ntal Analysis Labor 4901 Hawkin Albuquerque, NM 8 1975 FAX: 505-345- w.hallenvironmental	^{18 NE} 7109 Sar 4107	Sample Log-In Check List							
Client Name: BURNETT OIL CO INC	Work Order Num	ber: 1710730		ReptNo: 1							
Received By: Richle Eriacho	10/12/2017 9:15:00) AM	12-0								
Completed By: Ashley Gallegos	10/12/2017 3:45:16	PM	$A \rightarrow$								
Reviewed By:	10/13/17		Af								
Chain of Custody											
1. Custody seals intact on sample bottles?	·	Yes 🗌	No []								
2, Is Chain of Custody complete?		Yes 🖌		Not Present 🗹 Not Present 🗔							
3, How was the sample delivered?		<u>Courler</u>									
<u>Log in</u>											
4. Was an attempt made to cool the samples	?	Yas 🗹	No 🗖	NA 🗔							
5. Were all samples received at a temperatur	e of >0° C to 6.0°C	Yes 🗹	No 🗖								
6. Sample(s) in proper container(s)?		Yes 🗹	No 🗆								
7. Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗔								
8. Are samples (except VOA and ONG) prope	rly preserved?	Yes 🔽									
9. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗔							
10.VOA vials have zero headepace?		Yes 🗌	No 🗔								
11. Were any sample containers received broke	9 n ?		No 🗹	No VOA Vials 🗹							
		100 —		# of preserved							
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	bottles checked for pH:							
13, Are matrices correctly identified on Chain of	Custody?	Yes 🗹	No 🗖	(<2 or Adjusted?	>12 unless noted)						
14, is it clear what analyses were requested?	•	Yes 🗹									
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗖	Checked by:							
Special Handling (if applicable)											
16. Was client notified of all discrepancies with t	his order?	Yes	No 🗆	116 - 1 7							
Person Notified:	Date										
By Whom:	Via:	eMall [] Ph	one 🗔 Eau								
Regarding:			опе 🗌 Гах	In Person							
Cilent instructions:											
17. Additional remarks:											
8. Cooler Information											
Cooler No Temp *C Candition Set	Il Intact Seal No	Seal Date	Igned By								
1 2.5 Good Yes		MARKING CONTRACTOR									

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ENVIRONMENTAI	IS LABORATORY	www.hallenvironmental.com	Alburniemus NM 87100		ax 300-545-410/ sis Request				2808	/ S9	(D)) and (AOV) 80 (AOV) 80 V-Ime2) (V-Ime2) (V-Ime2) (V-Ime2) (808 9250 0728													fested and Kieding exceed	to it is not to made	- A - the	sarty notated on the analytical report
	r 🗇	www.hallenvi	4901 Hawkins NF - Alhi		Anal	(O)	(S) NBK	60)	3 027 (1't (1't Hd1	01 8 01 8 411 504	ETM + X: ETM + X: 9 82108 0 83108 0 1 601 90 0 1 68 3 10 1 8 45	BTE HPH EDE HAH HAG HAG													ime Remarks: IF Repused to be folked	4	Banger I Dinglage	sibility. Any sub-contracted data will be ci
Turn-Around Time:	dard 🗆 Rush		isler BOL	t.		<i>b</i> .	142 worth				er Preservative		001-013	002-014-	003-615	-004-04-0-	-005-217-	-onlo - OIS	-001-013	-006-020	-09-021	-010-033	110	1-012-024	Data Time	Date T	10/12/17 2915 6	es subhitted 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
Chain-of-Custody Record Tum-Arc	Standard		(J35/	N/M Project #	425 2841	Project N	Jednay 7.	Level 4 (Full Validation)	Cother		Sample Request ID Type		1 502 0,1'	502 1:2'	50L 2-3'	SO1 3" 4"	522 0-1'	52 1-2'	Sp2 2-3'	Jor 3-4'	5024-51	502 5-61	522,6-71	27.8'	Keinglushed by:	uished by Received by	al - N.	submitted to Hall Environmental may be subcontracted to oth
Chain-of-	DOCL		Mailing Address:	Low Halls,	Phone # 43 2 47	email or Fax#.	QAOC Package:	D Standard	* Accreditation	D EDD (Type)	Date Time Matrix		10/11 AM Sou										× ×		0.	Time: Relip	0/11/1 190 Al	If hecessary, samples s

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J	Chain	-of-C	Chain-of-Custody Record	Turn-Around Time:	Time:		_											
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	5	2	· ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Project Name:					9		ן בי	ANALYSIS	5	n N	LABORATORY	0	R	
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<u>7</u>	LOCO (H1	115, 2	UN	Project #:				Tel. 5	Tel. 505-345-3975	5-397		Eax 5(505-345-4107	5.410 5.410				
Phone	Phone #: 432	4	25-2891	1							Analy		edne					
email (email or Fax#:			Project Manager.	iger.							(*(
OA/OC Packs	OA/OC Package:		evej 4 /Erijl Vislidation)	Johnny	1 Tits wow	rth				(an			S/BC/					
	Accreditation												128					
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Date	Time	Matrix	 Sample Request ID 	Container Type and #	Preservative Type		TEX + MTE	TPH 80158	odieM) H9T	eDB (Metho PAH's (8310	IeM 8 AROR	(ମିମ) anoin≜	AOV) 80828	-Ime2) 0728		<u></u>) səlqqnB
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	lf necessary, samples		submitted to Hall Environmental may be subcontracted	untracted to other ac	credited laboratories.	as notice of th	third is a construction of the second	, Any S	th-contr	rcted day	a will be	clearty n	otated o	nthean	a Mital r	recont		7
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(N to Y) selddu8 tiA **ANALYSIS LABORATORY** HALL ENVIRONMENTAL sd to Hall Environmental may be subcontracted to other accedited laboratorices. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 (AOV-ime2) 0728 www.hallenvironmental.com Analysis Request (AOV) 80828 8081 Pesticides / 8082 PCB's (pO2,pO4,5ON,6OV(2)) enoinA 4 eleteM 8 AROP See hamerks on 199 Tel. 505-345-3975 (SMIS 0758 to 0168) a'HA9 (1.403 bodteM) 803 (1.814 bodieM) H9T (OAM \ OAG \ OAG) 88108 H91 ጙ Remarks: BTEX + MTBE + TPH (Gas only) BTEX + MTBE + TMB's (8021) 5 25.61 0915 Project Manager. In My Tilsen RTH -<u>033</u> -030 $\tilde{\rho}$ -035 FQ A - 030 -031 -027 Time 860- \tilde{C} + 1/2//01 111/12 Date C Rush Preservative <u>T</u> Tum-Around Time: 755/60 Project Name: Standard Container Type and # Project # Sampler: ₹ R Level 4 (Full Validation) Sample Request ID Chain-of-Custody Record 2 Ň , F 19 1 1 2 ł 2 ١ ~ ١ Ś 10 Ĉ celinguished by D Other Matrix 3 Ŕ AU15 Mailing Address: QA/QC Package: Time 9:10 D EDD (Type) PM email or Fax#: Accreditation D Standard lime: R Client **D NELAP** Date 10/11 1/2

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 HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel 505-345-4107 	h an Analysis	() (0) (0)	0 285 0 / Wi (SMI)	+ TPH + () () DF () (AOV (04 (04 (04 (04 (04 (04 (04 (04 (04 (04	Arick A Miles (Second Control												Remarks: Loo Binarks Di		(11-11) (11-11) b other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time: Standard Rush Project Name: DTS/O-B.6.2 Project #:		Project Manager. Johnny 71 15000074		Sampler: L-Ar-	Citerio sector de Carlos de Carlos	Container Preservative Type and # Type	- 037	- 038	- 039	-040	-041	-043	1 -043 X	+++0	-08	- 046	-047	Received by: Time Re-		
Client: Bold Custody Record	14	·ao#:	QA/QC Package:	Accreditation	DD (Type)	Matrix Sample Request ID	1911 1914 504 55 7-8	2-3 Sal 1	[sos 9-10		1 1 506 1-2	1 1 506 2-3	1 1 507 0-1	1-1-2-1-2	5072-3		1. 1 507 4-5	Date: Time: Relinquished by:	Relingransuby:	If necessary, samples domined to Hall Environmental may be subcontracted

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Analytical Report

Report Summary

Client: EOG Resources Inc. - Carlsbad Samples Received: 7/30/2020 Job Number: 19034-0001 Work Order: P007085 Project Name/Location: Gissler B #62

Report Reviewed By:

Walter Hinke

Date:

8/5/20

Walter Hinchman, Laboratory Director



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Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com

Page 1 of 29



	Sample Su		
Artesia NM, 88210	Project Manager:	Robert Asher	08/05/20 13:58
104 South 4th Street	Project Number:	19034-0001	Reported:
EOG Resources Inc Carlsbad	Project Name:	Gissler B #62	

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP-1 0'-1'	P007085-01A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-1 1'-2'	P007085-02A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-1 2'-3'	P007085-03A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-1 3'-4'	P007085-04A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-1 4'-5'	P007085-05A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-2 0'-1'	P007085-06A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-2 1'-2'	P007085-07A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-2 2'-3'	P007085-08A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-2 3'-4'	P007085-09A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-2 4'-5'	P007085-10A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-3 0'-1'	P007085-11A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-3 1'-2'	P007085-12A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-3 2'-3'	P007085-13A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-3 3'-4'	P007085-14A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-3 4'-5'	P007085-15A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-4 0'-1'	P007085-16A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-4 1'-2'	P007085-17A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-4 2'-3'	P007085-18A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-4 3'-4'	P007085-19A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-4 4'-5'	P007085-20A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.



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EOG Resources Inc Carlsbad	Project Name:	Gissler	r B #62				
104 South 4th Street	Project Number:	19034-	-0001			Repor	rted:
Artesia NM, 88210	Project Manager	: Robert	Asher			08/05/20	0 13:58
	PO	SP-1 0'-1' 07085-01 (Soli	d)				
4	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Analyte	Result	Linit	Difution	riepared	Maryzeu	Tioles	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/03/20		
Toluene	ND	0.0250	1	07/31/20	08/03/20		
Ethylbenzene	ND	0.0250	I.	07/31/20	08/03/20		
p,m-Xylene	ND	0.0500	1	07/31/20	08/03/20		
o-Xylene	ND	0.0250	1.	07/31/20	08/03/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/03/20		
Surrogate: 4-Bromochlorobenzene-PID		102 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_			Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	I	07/31/20	08/03/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	4	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/01/20		
Surrogate: n-Nonane		92.6 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032004
Chloride	ND	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissler	r B #62				-	
104 South 4th Street	Project Number:	19034-	-0001				Repor	ted:
Artesia NM, 88210	Project Manager	Robert	Asher				08/05/20	0 13:58
		SP-1 1'-2'	31					
	P00	07085-02 (Soli	d)				_	
		Reporting						
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		_			Batch:	2031023
Benzene	ND	0.0250	1		07/31/20	08/03/20		
Toluene	ND	0.0250	1		07/31/20	08/03/20		
Ethylbenzene	ND	0.0250)		07/31/20	08/03/20		
o,m-Xylene	ND	0.0500	1		07/31/20	08/03/20		
o-Xylene	ND	0.0250	1		07/31/20	08/03/20		
Total Xylenes	ND	0.0250	1	Þ	07/31/20	08/03/20	_	
Surrogate: 4-Bromachlorobenzene-PID		104 %	50-150		07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_				Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/31/20	08/03/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	50-150		07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORG) mg/kg	mg/kg					Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1		07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	1	07/31/20	08/01/20		
Surrogate: n-Nonane		96.4 %	50-200		07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg					Batch:	2032004
Chloride	ND	20.0	1		08/03/20	08/03/20		

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104 South 4th Street F	Project Name: Project Number: Project Manager		0001			Repor 08/05/20	
	P00	SP-1 2'-3' 07085-03 (Soli	d)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/03/20		
Foluene	ND	0.0250	1	07/31/20	08/03/20		
Bthylbenzene	ND	0.0250	Ð	07/31/20	08/03/20		
o,m-Xylene	ND	0.0500	1	07/31/20	08/03/20		
p-Xylene	ND	0.0250	4	07/31/20	08/03/20		
Fotal Xylenes	ND	0.0250	1	07/31/20	08/03/20		_
Surrogate: 4-Bromachlorabenzene-PID		103 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		1000		Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/03/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	i	07/31/20	08/01/20		
Surrogate: n-Nonane		88.8 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1000			Batch:	2032004
Chloride	ND	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad P	roject Name:	Gissler	B #62				
104 South 4th Street P	roject Number:	19034-	0001			Repor	ted:
Artesia NM, 88210 P	roject Manager:	Robert	Asher			08/05/20	13:58
	POC	SP-1 3'-4' 7085-04 (Soli	d)				
	100						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
/olatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/03/20		
oluene	ND	0.0250	1	07/31/20	08/03/20		
thylbenzene	ND	0.0250	1	07/31/20	08/03/20		
,m-Xylene	ND	0.0500	1	07/31/20	08/03/20		
-Xylene	ND	0.0250	1	07/31/20	08/03/20		
otal Xylenes	ND	0.0250	1	07/31/20	08/03/20		
urrogate: 4-Bromochlorobenzene-PID		103 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/03/20	_	
uvrogate: 1-Chloro-4-fluorobenzene-F1D		87.7 %	50-150	07/31/20	08/03/20	100	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Dil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/01/20		_
urrogate: n-Nonane		95.8 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032004
Chloride	ND	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissle	r B #62				
104 South 4th Street	Project Number:	19034	-0001			Repor	ted:
Artesia NM, 88210	Project Manager	: Robert	Asher			08/05/20	0 13:58
		SP-1 4'-5'					
	PO	07085-05 (Soli	d)	-			
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/03/20		
Foluene	ND	0.0250	1	07/31/20	08/03/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/03/20		
o,m-Xylene	ND	0.0500	1	07/31/20	08/03/20		
o-Xylene	ND	0.0250	1	07/31/20	08/03/20		
Total Xylencs	ND	0.0250		07/31/20	08/03/20		
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		- inter-	-	Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/03/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/01/20		
Surrogate: n-Nonane		96.1 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032004
Chloride	ND	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad I	Project Name:	Gissle	B #62				
104 South 4th Street	Project Number:	19034-	0001			Repor	ted:
Artesia NM, 88210	roject Manager	: Robert	Asher			08/05/20	0 13:58
		SP-2 0'-1'	201				
	PO)7085-06 (Soli	d)			~ ~	
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	_
Volatile Organics by EPA 8021B	mg/kg	mg/kg	_			Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/03/20		
Foluene	ND	0.0250	1	07/31/20	08/03/20		
Ethylbenzene	ND	0.0250	J.	07/31/20	08/03/20		
o,m-Xylene	ND	0.0500	г	07/31/20	08/03/20		
o-Xylene	ND	0.0250	1	07/31/20	08/03/20		
Total Xylenes	ND	0.0250		07/31/20	08/03/20		
Surrogate: 4-Bromochlorobenzene-PID		104 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	-		Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/03/20	1	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	111			Batch;	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Dil Range Organics (C28-C40)	ND	50.0		07/31/20	08/01/20		
Surrogate: n-Nonane		94.5 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1.1	Profil Sur	-	Batch:	2032004
Chloride	30,4	20.0	1	08/03/20	08/03/20		



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EOG Resources Inc Carlsbad	Project Name: Project Number:	Gissler 19034-	10000				Repor	
104 South 4th Street Artesia NM, 88210	Project Manager						08/05/20	
Anesia Nivi, 66210	r toject islanager		Aanor				00/00/20	12.20
	PO	SP-2 1'-2' 07085-07 (Soli	d)					
		Reporting		-				
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg					Batch:	2031023
Benzene	ND	0.0250		1	07/31/20	08/03/20		
Toluene	ND	0.0250		1	07/31/20	08/03/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/03/20		
o,m-Xylene	ND	0.0500		1	07/31/20	08/03/20		
p-Xylene	ND	0.0250		Ł.	07/31/20	08/03/20		
Fotal Xylenes	ND	0.0250		1	07/31/20	08/03/20		
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150		07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg					Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/03/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	50-150		07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg					Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0		1	07/31/20	08/01/20		
Surrogate: n-Nonane		92.5 %	50-200		07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	11.00				Batch:	2032004
Chloride	39.2	20.0		10.00	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissle	r B #62				
104 South 4th Street	Project Number:	19034	-0001			Repo	rted:
Artesia NM, 88210	Project Manager	Robert	Asher			08/05/20	0 13:58
		SP-2 2'-3'				-	
	P0	07085-08 (Soli	d)	_			
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	_
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/03/20		
Toluene	ND	0.0250	1	07/31/20	08/03/20		
Ethylbenzene	ND	0.0250		07/31/20	08/03/20		
p,m-Xylene	ND	0.0500	1.	07/31/20	08/03/20		
o-Xylene	ND	0.0250	4	07/31/20	08/03/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/03/20	_	
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	4	07/31/20	08/03/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	50-150	07/31/20	08/03/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0		07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	I	07/31/20	08/01/20		
Surrogate: n-Nonane		90.5 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-			Batch:	2032004
Chloride	121	20.0	1	08/03/20	08/03/20		

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Project Name:	Gissle	· B #62				
Project Number:	19034-	0001			Repor	ted:
Project Manager	Robert Asher				08/05/20 13:58	
1.1.1	SP-2 3'-4'	ia.				
PO	07085-09 (Soli	d)			_	_
	Reporting					
Result	Limit	Dilution	Prepared	Analyzed	Notes	
mg/kg	mg/kg				Batch:	2031023
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0500	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
	100 %	50-150	07/31/20	08/04/20		
mg/kg	mg/kg				Batch;	2031023
ND	20.0	Ű.,	07/31/20	08/04/20		
	89.7 %	50-150	07/31/20	08/04/20		
) mg/kg	mg/kg				Batch:	2031028
ND	25.0	1	07/31/20	08/01/20		
ND	50.0	1	07/31/20	08/01/20	_	
	87.2 %	50-200	07/31/20	08/01/20		
mg/kg	mg/kg		1.1		Batch:	2032004
75.8	20.0	1	08/03/20	08/03/20		
	Project Number: Project Manager PO Result mg/kg ND ND ND ND ND ND MD ND ND ND MD ND MD ND MD ND MD MD MD MD MD MD MD MD MD MD MD MD MD	Project Number: 19034- Robert Project Manager: Robert SP-2 3'-4' P007085-09 (Soli Reporting Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 89.7 % MD 25.0 ND 50.0 87.2 % mg/kg mg/kg mg/kg mg/kg	Project Number: 19034-0001 Project Manager: Robert Asher SP-2 3'-4' P007085-09 (Solid) Result Imit Dilution Result Limit Dilution mg/kg mg/kg 100 ND 0.0250 1 ND 20.0 1 MD 20.0 1 MD 20.0 1 MD 25.0 1 ND 50.0 1 MD 50.0 1 ND 50.0 1 MD 50.0 1 ND 50.0 1 <td>Project Number: 19034-0001 Project Manager: Robert Asher SP-2 3'-4' P007085-09 (Solid) Reporting Reporting Prepared Result Limit Dilution Prepared mg/kg mg/kg 19034-0001 07/31/20 ND 0.0250 1 07/31/20 ND 20.0 1 07/31/20 mg/kg mg/kg 100/120 07/31/20 MD 25.0 1 07/31/20 MD 25.0 1 07/31/20 MD 25.0 1 07/31/20 MD 25.0 1 07/31/20</td> <td>Project Number: 19034-0001 Project Manager: Robert Asher SP-2 3'-4' SP-2 3'-4' P007085-09 (Solid) SP-2 Reporting Reporting Result Limit Dilution Prepared Analyzed MD 0.0250 1 07/31/20 08/04/20 ND 20.0 1 07/31/20 08/04/20 MD 20.0 1 07/31/20 08/04/20 MD 25.0 1 07/31/20 08/04/20 ND 25.</td> <td>Project Number: 19034-0001 Robert Asher Report 08/05/20 SP-2 3'-4' P007085-09 (Solid) SP-2 SP-2 P007085-09 (Solid) SP-2 SP-2 P007085-09 (Solid) P007085-09 (Solid) SP-2 P007085-09 (Solid) SP-2 P007031/20 SP-2 P007031/20</td>	Project Number: 19034-0001 Project Manager: Robert Asher SP-2 3'-4' P007085-09 (Solid) Reporting Reporting Prepared Result Limit Dilution Prepared mg/kg mg/kg 19034-0001 07/31/20 ND 0.0250 1 07/31/20 ND 20.0 1 07/31/20 mg/kg mg/kg 100/120 07/31/20 MD 25.0 1 07/31/20 MD 25.0 1 07/31/20 MD 25.0 1 07/31/20 MD 25.0 1 07/31/20	Project Number: 19034-0001 Project Manager: Robert Asher SP-2 3'-4' SP-2 3'-4' P007085-09 (Solid) SP-2 Reporting Reporting Result Limit Dilution Prepared Analyzed MD 0.0250 1 07/31/20 08/04/20 ND 20.0 1 07/31/20 08/04/20 MD 20.0 1 07/31/20 08/04/20 MD 25.0 1 07/31/20 08/04/20 ND 25.	Project Number: 19034-0001 Robert Asher Report 08/05/20 SP-2 3'-4' P007085-09 (Solid) SP-2 SP-2 P007085-09 (Solid) SP-2 SP-2 P007085-09 (Solid) P007085-09 (Solid) SP-2 P007085-09 (Solid) SP-2 P007031/20 SP-2 P007031/20

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THE REPORT OF THE PARTY OF THE		B #62				
roject Number:	19034-	-0001			Repor	ted:
roject Manager	: Robert	Asher			08/05/20 13:58	
PO	SP-2 4'-5' 07085-10 (Soli	d)				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
mg/kg	mg/kg				Batch:	2031023
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0500	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
ND	0.0250	1	07/31/20	08/04/20		
	101 %	50-150	07/31/20	08/04/20		
mg/kg	mg/kg	in the second			Batch:	2031023
ND	20.0	1	07/31/20	08/04/20	_	
	90.0 %	50-150	07/31/20	08/04/20		
mg/kg	mg/kg				Batch:	203102
ND	25.0	1	07/31/20	08/01/20		
ND	50.0	1	07/31/20	08/01/20		
	88.1 %	50-200	07/31/20	08/01/20		
mg/kg	mg/kg				Batch:	2032004
82.6	20.0	1	08/03/20	08/03/20		
	roject Manager P0 Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND MD ND MD ND MD ND MD ND	roject Manager: Robert SP-2 4'-5' P007085-10 (Soli Reporting Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 90.0 % 101 % mg/kg mg/kg ND 25.0 ND 50.0 88.1 % mg/kg mg/kg mg/kg	roject Manager: Robert Asher SP-2 4'-5' P007085-10 (Solid) Reporting Dilution Result Limit Dilution mg/kg mg/kg 10 MD 0.0250 1 ND 20.0 1 90.0 % 50-150 1 ND 25.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1	Project Manager: Robert Asher SP-2 4'-5' P007085-10 (Solid) Reporting Result Limit Dilution Prepared mg/kg mg/kg 107/31/20 ND 0.0250 1 07/31/20 MD 20.0 1 07/31/20 mg/kg mg/kg 101/20 0 ND 25.0 1 07/31/20 ND 25.0 1 07/31/20 MD 25.0 1 07/31/20 ND 25.0 1 07/31/20	Robert Asher SP-2 4'-5' P007085-10 (Solid) Reporting Result Prepared Analyzed Result Limit Dilution Prepared Analyzed mg/kg mg/kg 1 07/31/20 08/04/20 ND 0.0250 1 07/31/20 08/04/20 mg/kg reg/kg reg/kg 08/04/20 MD 20.0 1 07/31/20 08/04/20 MD 20.0 1 07/31/20 08/04/20 mg/kg mg/kg 1 07/31/20 08/04/20 MD	Project Manager: Robert Asher 08/05/20 SP-2 4'-5' P007085-10 (Solid) Reporting Reporting Notes Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg mg/kg Batch: Batch: Statch: Statch: ND 0.0250 1 07/31/20 08/04/20 Image: Statch: Statch:

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EOG Resources Inc Carlsbad	Project Name:	Gissler	B #62				
104 South 4th Street	Project Number:	19034-	0001			Repor	ted:
Artesia NM, 88210	Project Manager	roject Manager: Robert Asher				08/05/20	13:58
	- 23	SP-3 0'-1'					
	P00)7085-11 (Soli	d)				
		Reporting				1.00	
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	-
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/04/20		
Foluene	ND	0.0250	1	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/04/20		
o,m-Xylene	ND	0.0500	I	07/31/20	08/04/20		
p-Xylene	ND	0.0250	1	07/31/20	08/04/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/04/20		
Surrogate: 4-Bromochlorobenzene-PID		101 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg			1000	Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg			0.754	Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/01/20		
Surrogate: n-Nonane		94.7 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032004
Chloride	ND	20.0	î.	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissler	B #62				
104 South 4th Street	Project Number:	19034-	0001			Reported:	
Artesia NM, 88210	Project Manager:		Robert Asher				13:58
		SP-3 1'-2'					
	Poo	07085-12 (Soli	a)				
	aurea.	Reporting		100.001	40.000	10.00	
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0,0250	1	07/31/20	08/04/20		
Foluene	ND	0.0250	1	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/04/20		
o,m-Xylene	ND	0.0500	1	07/31/20	08/04/20		
o-Xylene	ND	0.0250	1	07/31/20	08/04/20		
Fotal Xylenes	ND	0.0250	1	07/31/20	08/04/20		
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		-		Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	i –	07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORG) mg/kg	mg/kg	12 A.			Batch:	2031028
Diesel Range Organics (C10-C28)	1540	125	5	07/31/20	08/04/20		
Oil Range Organics (C28-C40)	1760	250	5	07/31/20	08/04/20	_	
Surrogate: n-Nonane		123 %	50-200	07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032004
Chloride	20.3	20.0	1	08/03/20	08/03/20		





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EOG Resources Inc Carlsbad	Project Name:	Gisslei	B #62				1.1	
104 South 4th Street	Project Number:	19034-	0001				Repor	ted:
Artesia NM, 88210	Project Manager: Robert Asher					08/05/20	13:58	
	175	SP-3 2'-3'						
	P00	07085-13 (Soli	d)					
		Reporting						
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg			100		Batch:	2031023
Benzene	ND	0.0250	1	0	07/31/20	08/04/20		
Foluene	ND	0.0250	1	1	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250	1		07/31/20	08/04/20		
o,m-Xylene	ND	0.0500	1		07/31/20	08/04/20		
o-Xylene	ND	0.0250	1	ķi.	07/31/20	08/04/20		
Total Xylenes	ND	0.0250	1		07/31/20	08/04/20		
Surrogate: 4-Bromochlorobenzene-PID		101 %	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg			_	-	Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	11.11				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1		07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1		07/31/20	08/01/20		_
Surrogate: n-Nonane		77.0 %	50-200		07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	_	-			Batch:	2032004
Chloride	26.3	20.0	1		08/03/20	08/03/20		





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A DAME COMPANY AND AN ACCOUNT OF COMPANY OF	Project Name: Project Number:	Gissler 19034-				Repor	ted:
	Project Manager				08/05/20 13		
	1 15 Mg 10 1 10 10 10	SP-3 3'-4'					
	PO	07085-14 (Soli	d)			_	
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-			Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/04/20		
Foluene	ND	0.0250	j.	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/04/20		
o,m-Xylene	ND	0.0500	1	07/31/20	08/04/20		
o-Xylene	ND	0.0250	ġ.	07/31/20	08/04/20		
Fotal Xylenes	ND	0.0250		07/31/20	08/04/20		
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg			-	Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	. 1	07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	-)	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	4	07/31/20	08/01/20		
Surrogate: n-Nonane		97.4 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032004
Chloride	49.5	20.0	1	08/03/20	08/03/20		

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104 South 4th Street	Project Name: Project Number: Project Manager	19034-					Repor 08/05/20	
Allesia (Mil, 56210	r roject Manager	SP-3 4'-5'	Traner				00/00/20	19104
	PO	07085-15 (Soli	d)					
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-				Batch:	2031023
Benzene	ND	0.0250		1	07/31/20	08/04/20		
Foluene	ND	0.0250		1	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/04/20		
o,m-Xylene	ND	0.0500		ŧ	07/31/20	08/04/20		
o-Xylene	ND	0.0250		1	07/31/20	08/04/20		
Total Xylenes	ND	0.0250	-	1	07/31/20	08/04/20		
Surrogate: 4-Bromochlorobenzene-PID		101 %	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1				Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg				1.1.1.1.1.1	Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0		1	07/31/20	08/01/20		
Surrogate: n-Nonane		91.0 %	50-200		07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg					Batch:	2032004
Chloride	21.2	20.0		1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissler	B #62				
104 South 4th Street	Project Number:	19034-	0001			Repor	ted:
Artesia NM, 88210	Project Manager	: Robert	Robert Asher			08/05/20 13:58	
	P00	SP-4 0'-1' 97085-16 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	-
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/04/20		
Foluene	ND	0.0250	4	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/04/20		
o,m-Xylene	ND	0.0500	1	07/31/20	08/04/20		
-Xylene	ND	0.0250	1	07/31/20	08/04/20		
Fotal Xylenes	ND	0.0250	1	07/31/20	08/04/20		_
Surrogate: 4-Bramochlorobenzene-PID		104 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Provide States			Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/01/20		
Surrogate: n-Nonane		76.5 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		-		Batch:	2032004
Chloride	1600	20,0	1	08/03/20	08/03/20		

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EOG Resources Inc, - Carlsbad 104 South 4th Street	Project Name: Project Number:	Gissler 19034-	100 M 10			Repor	ted:
Artesia NM, 88210	Project Manager		Asher			08/05/20) 13:58
	PO	SP-4 1'-2' 07085-17 (Soli	d)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		1.1.1	1.1	Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/04/20		
Foluene	ND	0.0250)- -	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250		07/31/20	08/04/20		
o,m-Xylene	ND	0.0500	1	07/31/20	08/04/20		
o-Xylene	ND	0.0250	ĩ,	07/31/20	08/04/20		
Fotal Xylenes	ND	0.0250		07/31/20	08/04/20		
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		_		Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	50-150	07/31/20	08/04/20		1
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Dil Range Organics (C28-C40)	ND	50.0		07/31/20	08/01/20		
Surrogate: n-Nonane		91.8 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		-		Batch:	2032004
Chloride	313	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad P	roject Name:	Gissler	· B #62				
104 South 4th Street P	roject Number;	19034-	0001			Repor	ted:
Artesia NM, 88210 P	roject Manager	Robert	Asher			08/05/20 13:58	
		SP-4 2'-3'					
	PO	07085-18 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-			Batch:	2031023
Benzene	ND	0.0250	1	07/31/20	08/04/20		
Foluene	ND	0.0250	1	07/31/20	08/04/20		
Bthylbenzene	ND	0.0250	1	07/31/20	08/04/20		
,m-Xylene	ND	0.0500	1	07/31/20	08/04/20		
-Xylene	ND	0.0250	1	07/31/20	08/04/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/04/20		
urrogate: 4-Bromochlorobenzene-PID		101 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/04/20		
iurrogate: 1-Chloro-4-fluorobenzene-FID	1.00	88.1 %	50-150	07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/01/20		
Dil Range Organics (C28-C40)	ND	50.0	<u>)</u>	07/31/20	08/01/20		
iurrogate: n-Nonane		85.9 %	50-200	07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032004
Chloride	276	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissler	· B #62					
104 South 4th Street	Project Number:	19034-	0001				Repor	ted:
Artesia NM, 88210	Project Manager	: Robert	Asher				08/05/20	13:58
		SP-4 3'-4'						
	PO	07085-19 (Soli	d)					
		Reporting						
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg					Batch:	2031023
Benzene	ND	0.0250		1	07/31/20	08/04/20		
Foluene	ND	0.0250		1	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/04/20		
o,m-Xylene	ND	0.0500		1	07/31/20	08/04/20		
-Xylene	ND	0.0250		1	07/31/20	08/04/20		
Total Xylenes	ND	0.0250		1	07/31/20	08/04/20		
urrogate: 4-Bromochlorobenzene-PID		104 %	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg			-		Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/04/20		
Surrogate: 1-Chlara-4-fluorobenzene-FlD		91.4%	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg					Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/01/20		
Dil Range Organics (C28-C40)	ND	50.0		1	07/31/20	08/01/20		
iurrogate: n-Nonane		83.2 %	50-200		07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Sec.4	3.			Batch:	2032004
Chloride	266	20.0		1	08/03/20	08/03/20		

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104 South 4th Street F	roject Name: roject Number:		0001				Repor	
Artesia NM, 88210 F	roject Manager	: Robert	Asher				08/05/20	13:58
	PO	SP-4 4'-5' 07085-20 (Soli	d)					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg			-	27.000	Batch:	2031023
Benzene	ND	0.0250		1	07/31/20	08/04/20		
Toluene	ND	0.0250		1	07/31/20	08/04/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/04/20		
o,m-Xylene	ND	0.0500		1	07/31/20	08/04/20		
o-Xylene	ND	0.0250		Þ.	07/31/20	08/04/20		
fotal Xylenes	ND	0.0250	1	T	07/31/20	08/04/20		
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	-			Batch:	2031023
Gasoline Range Organics (C6-C10)	ND	20.0		1.	07/31/20	08/04/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	50-150		07/31/20	08/04/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg					Batch:	2031028
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/01/20		
Oil Range Organics (C28-C40)	ND	50.0	_	t.	07/31/20	08/01/20		
Surrogate: n-Nonane		91.7 %	50-200		07/31/20	08/01/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-				Batch:	2032004
Chloride	1100	20.0		t	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad		Project Name:		Gissler B #62					
104 South 4th Street		Project Number:		19034-0001					Reported:
Artesia NM, 88210		Project Manager:		Robert Asher					08/05/20 13:58
	Vol	atile Organics by	EPA	8021B - Qu	ality Cor	itrol			
	- 1 A	Reporting	Spike	Source	1.15	REC		RPD	
Analyte	Result	Limit	Level	Result	REC	Limits	RPD	Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	96	%	%	
Blank (2031023-BLK1)							Prepared	: 07/31/20	1 Analyzed: 08/03/20 1
Benzene	ND	0.0250				_			
Foluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p.m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylencs	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	50-150	-		120000
LCS (2031023-BS1)							Prepared	1: 07/31/20	I Analyzed: 08/03/20
Benzene	5.20	0.0250	5.00		104	70-130			
Tolucne	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.23	0.0250	5.00		105	70-130			
o,m-Xylene	10.5	0.0500	10.0		105	70-130			
-Xylenc	5.25	0.0250	5.00		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.32		8.00		104	50-150			
Matrix Spike (2031023-MS1)					Source: P	007085-01	Prepared	1: 07/31/20	1 Analyzed: 08/03/20
Benzene	5.13	0.0250	5.00	ND	103	54.3-133			
Foluene	5.17	0.0250	5.00	ND	103	61.4-130			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61.4-133			
o,m-Xylenc	10.3	0.0500	10.0	ND	103	63.3-131			
p-Xylene	5.17	0.0250	5.00	ND	103	63.3-131			
Total Xylenes	15.5	0.0250	15.0	ND	103	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.49	- Second	8.00	-	106	50-150			
Matrix Spike Dup (2031023-MSD1)					Source: P	007085-01	Prepared	1: 07/31/20	1 Analyzed: 08/03/20 1
Benzene	5.21	0.0250	5,00	ND	104	54.3-133	1.49	20	
Toluene	5.21	0.0250	5,00	ND	104	61.4-130	0.733	20	
Ethylbenzene	5.20	0.0250	5.00	ND	104	61.4-133	0.797	20	
p.m-Xylene	10.4	0.0500	10.0	ND	104	63.3-131	0.749	20	
p-Xylene	5.20	0.0250	5.00	ND	104	63.3-131	0.626	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	0-200	0.708	200	
Surrogate: 4-Bromochlorobenzene-PID	8.24	STRUCT	8.00		103	50-150			
mutoPare, a promortionorgenear un	016.7				1.000	-1-1-1-C-1-1-1			

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EOG Resources Inc Carlsbad	-	Project Name:		Gissler B #62	1				and the second
104 South 4th Street		Project Number:		19034-0001					Reported:
Artesia NM, 88210		Project Manager:		Robert Asher					08/05/20 13:58
	Nonhalogen	ated Organics b	y EPA	8015D - GI	RO - Qua	ality Cont	rol		
Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2031023-BLK1)							Prepared	: 07/31/20	1 Analyzed: 08/03/20 1
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chlora-4-fluorobenzene-FID	7.29		8.00		91.2	50-150			
LCS (2031023-BS2)							Prepared	: 07/31/20	1 Analyzed: 08/03/20 1
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	50-150			
Matrix Spike (2031023-MS2)					Source: P	007085-01	Prepared	: 07/31/20	1 Analyzed: 08/03/20 1
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93,8	70-130			A Real of the second second second
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	50-150			
Matrix Spike Dup (2031023-MSD2)					Source: P	007085-01	Prepared	: 07/31/20	I Analyzed: 08/03/20 1
Gasoline Range Organics (C6-C10)	45.4	20.0	50,0	ND	90.8	70-130	3.31	20	
Surrogate: 1-Chloro-4-fluorabenzene-FID	7.43		8.00		92.9	50-150			



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EOG Resources Inc Carlsbad		Project Name:		Gissler B #62	1				
104 South 4th Street		Project Number	:	19034-0001					Reported:
Artesia NM, 88210		Project Manage	ri	Robert Asher	-				08/05/20 13:58
N	onhalogenate	d Organics by	EPA 8	015D - DRO	/ORO - (Quality C	ontrol		
		Reporting	Spike	Source		REC		RPD	1
Analyte	Result	Limit	Level	Result	REC	Limits	RPD	Limit	Notes
	mg/kg	mg/kg	mg/kg	ing/kg	%	%	%	%	
Blank (2031028-BLK1)							Prepared	l: 07/31/20	1 Analyzed: 08/01/20 0
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50,0				-			
Surrogale: n-Nonane	\$3.0	1	50.0		106	50-200			
LCS (2031028-BS1)							Prepared	1: 07/31/20	1 Analyzed: 08/01/20 (
Diesel Range Organics (C10-C28)	453	25.0	500		90.6	38-132			2017 O.S. 2017 C.S.
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			1000
Matrix Spike (2031028-MS1)					Source: P	007085-01	Prepared	1: 07/31/20	1 Analyzed: 08/01/20 (
Diesel Range Organics (C10-C28)	460	25.0	500	ND	92,0	38-132			
Surrogate: n-Nonane	41.5		50.0		83:0	50-200			1.1.1. A. 1.1.1.1
Matrix Spike Dup (2031028-MSD1)			-		Source: P	007085-01	Prepared	1: 07/31/20	1 Analyzed: 08/01/20 (
Diesel Range Organics (C10-C28)	469	25.0	500	ND	93.8	38-132	1.99	20	
Surrogate: n-Nonane	49.7		50.0		99.5	50-200			



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EOG Resources Inc Carlsbad 104 South 4th Street Artesia NM, 88210		Project Name: Project Numbe Project Manage		Gissler B #62 19034-0001 Robert Asher					Reported: 08/05/20 13:58
	А	nions by EPA	300.0/90	56A - Quali	ity Contr	ol			
Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2032004-BLK1)							Prepared	1: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	ND	20.0							
LCS (2032004-BS1)				_			Prepared	1: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	248	20.0	250		99.1	90-110			
Matrix Spike (2032004-MS1)					Source: P	007085-01	Prepared	1: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	252	20.0	250	ND	101	80-120			1
Matrix Spike Dup (2032004-MSD1)					Source: P	007085-01	Prepared	1: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	254	20,0	250	ND	102	80-120	0.771	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 my differ slightly.

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EOG Resources Inc Carlsbad	Project Name:	Gissler B #62	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	08/05/20 13:58

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Received by OCD: 9/28/2022 1:56:23 PM					/			Page 139 of 165
Project Information	Chain of Custody	tody					Page 1 of 14	*
Client: EOG Resources. Inc.	Report Attention			Lab Use Only	Only	TAT	EPA Program	
Project: Gissler B #62	Report due by: 8/6/2020	Lab	Lab WO#		Job Number	10 30	RCRA	
Project Manager: Robert Asher	Der	bd	0001000	g	and-theom	10		
Address: 104 South 4th Street	Address: 104 South 4th Street				Analysis and Method	thod		
		STO	STO				NM CO UT AZ	NI
Phone: (5/5) /48-421/	Phone: (5/5) /48-421/			-	_		X	
Email: robert asner@eogresources.com	Email: robert asher(@eogresources.com			-				-
Time Date Matrix No Sample ID Sampled		Number pro/o	פאס/ם	VOC 6y	Metals Chlorid		Remarks	
TO MATERIA S 1 SP-1 0-1.		1 ×	X	X	×		BGDOC	
S 1		2 x	X	×	×		BGDOC	-
and the second s		3 ×	×	×	×		BGDOC)
766 7/29/20 S 1 SP-1 3'4'		× ア	×	×	X		BGDOC	
Tot 7/29/20 S 1 SP-1 4'-5'		N X	×	×	×		BGDOC	
3 10 7/26/20 S 1 SP-2 0'-1'		k a	X	×	×		BGDOC	
7/22/20 S 1 SP-2 1-2'		× t	×	×	×		BGDOC	
413 7/26/20 S 1 SP-2 2:-3'		8 ×	×	×	×		BGDOC	
714 7/25/20 S 1 SP-2 3:4'		9 x	×	×	×		BGDOC	
415 7/29/20 S 1 SP-2 4-5		10 ×	×	×	X		BGDOC	
Additional Instructions: PO# 205632								F
1, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally misiabeling the	at tampering with or intentionally mislabelling the sample location, date or	date or		2	Samples requiring thermal sacked in ice at an averten	preservation must be re no above 0 but less than	Samples requiring thermal preservation must be received on ice the day they are sampled or received nacked in ice at an ave terms above 0 but less than 6 °C on subsequent days.	1
time of collection is considered fraud and may be grounds for legal action. Sampled by:			1					-
Relinquished by: (Signature) Date Time 7/29/2020	Received by: (Signature)	9130 Teo	10:30	8	Received on ice:	~	V N	
Relinquished by: (Signature) Date Time	Receive	Date	Time		T1 AVG Temp °C	-412	13	
Sample Matrix: 5 - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container Typ	e: g - glas	s, p - pol	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	nber glass, v - V	/OA	_
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 above samples is applicable only to those samples expense are discovered by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.	er arrangements are made. Hazardous samples will be retu he laboratory is limited to the amount paid for on the repo	urned to client or dis rt.	oosed of at	the client e	pense. The report	for the analysis of	the above samples is applicable only to	
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Analytical Laboratory	24 hour Emergency Response Phone (800) 362-1879	2-1879					Isbaumin@envirotech-inc.com	

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Project Information	mation					Chain of Custody	inne					Fage	2 of 24
Client: EOG Resources, Inc.	Resourc	es, Inc.				Report Attention	0		Lab U	Lab Use Only	TAT	EP	EPA Program
Project: Gissler B #62	sler B #6	2				:vd		Lab WO#	è	Job Number	1D 3D	RCRA	CWA SDWA
Project Manager: Kobert Asner Address: 104 South 4th Street	4 South	4th Street	et		T	Attention: Kobert Asner Address: 104 South 4th Street		COOF (N)	600	Analysis and Method	thod		State
City State Zin Artecia NM 88210	in Artec	S MM Ci	10108		Г	City State 7in Artesia NM 88210							NM COLUTIA7
Phone: (5)	(575) 748-4217	217	NT700			Phone: (575) 748-4217			_				
Email: robert asher@eogresources.com	rt asher	@eogres	sources.c	om		Email: robert asher@eogresources.com				000	-		×
Time Sampled S	Date	Matrix	No Containers	Sample ID			Lab Aumber	аа/ояо но/ояо	VOC by 8	Metals 6 Chioride			Remarks
02/62/4月 七化	(29/20	s	1	SP-3 0'-	0'-1'		11	X X	×	×			BGDOC
112 7	7/29/20	s	1	SP-3 1'-2'	-2'		12	X X	×	X			BGDOC
	7/29/20	s	+	SP-3 2'	2'-3'		13	X X	×	x			BGDOC
	7/29/20	S	1	SP-3 3'-4'	4		14	X X	X	x	+		BGDOC
122	7/29/20	S	٢	SP-3 4'	4'-5'		IS SI	X X	×	×			BGDOC
the is	7/29/20	S	1	SP-4 0'	0'-1'		16	X X	X	X			BGDOC
and the second second	7/29/20	S	۲	SP-4 1:	1:-2'		t1	X X	×	×			BGDOC
	7/29/20	S	٢	SP-4 2'	2'-3'		18	XX	×	×			BGDOC
そうち	02/62/1	S	٢	SP-4 3'	3'-4'		19	X X	×	×			BGDOC
728 7129/20	/29/20	S	1	SP-4 4:	4'-5'		20	XX	×	×			BGDOC
Additional Instructions: PO# 205632	Instructio	:suo			-					Comediae reactificant Heatered	and the second framework	t vils all as for the	Comologies de la constantition esté anticipation de la secrétarie de la site d'autritique se catendref de Prezidentes
II, (field sampler), a time of collection	ttest to the value of the value	fraud and ma	thenticity of th sy be grounds i	, (fileid sampler), attest to the validity and authenticity of this sample. I am aware that to thee of collection is considered fraud and may be grounds for legal action. Sampled by:	ware that tamps ampled by:	l, (filed sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally misiabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	, date of			serviced in ket at an avg temp above 0 but less than 6 "C on subsequent days.	to above 0 but less than	6 °C on subsequent da	Ski
Relinquished by Gignature)	W Signatu	(au	Date 7/	ate 7/29/2020	Time	Received by: (Signature)	130	Zo I	10.30	Received on ice:	-8	ab Use Only	
Relinquished by: (Signature)	ay: (Signatu	Ire)	Date		Time	Received by: (Signature)	Date	Time		T1 AVG Temp °C	- 61		13
Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other	5 - Soil, Sd -	Solid, Sg - S	ludge, A - Aq	lueous, O - Othe	er		Container Ty	pe: g - g	lass, p - po	Container Type: g - glass, p - poly/plastic, ag - amber glass,	iber glass, v - VOA	OA	and the second sec
Note: Samples a those samples n	re discarder sceived by t	d 30 days at he laborato	ter results ar	e reported unie COC. The liabilit	ess other arrar ity of the labo	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 the samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.	turned to client or d ort.	isposed of	at the client	expense, The report	for the analysis of	the above sampli	es ls applicable only to
n	er	ivi	rot	envirotech	2	5796 US Highway 64, Farmington, NM 87401 24 bour Emerances Beconce Bhook (800) 363 1870	63.4070		Ph (505) 6	Ph (505) 632-0615 FX (505) 632-1865	32-1865	anadoria)	envirotech-ເກດ.com ໄລ້ກໍລັດດານເຊື້ອດຜູ້ແດງອີດ
		Anal	lytical L	Analytical Laboratory	Z.	24 lidur Emergency response Frione (ouv) 3	£101-70					WIIIIna an	

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Analytical Report

Report Summary

Client: EOG Resources Inc. - Carlsbad Samples Received: 7/30/2020 Job Number: 19034-0001 Work Order: P007086 Project Name/Location: Gissler B #62

Report Reviewed By:

Walter Hinker

Date:

8/6/20

Walter Hinchman, Laboratory Director



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Project Name:	Gissler B #62	
Project Number:	19034-0001	Reported:
Project Manager:	Robert Asher	08/06/20 13:34
	Project Number:	Project Number: 19034-0001

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP-5 0'-1'	P007086-01A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-5 1'-2'	P007086-02A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-5 2'-3'	P007086-03A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-5 3'-4'	P007086-04A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-5 4'-5'	P007086-05A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-6 0'-1'	P007086-06A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-6 1'-2'	P007086-07A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-6 2'-3'	P007086-08A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-6 3'-4'	P007086-09A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-6 4'-5'	P007086-10A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-7 0'-1'	P007086-11A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-7 1'-2'	P007086-12A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-7 2'-3'	P007086-13A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-7 3'-4'	P007086-14A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.
SP-7 4'-5'	P007086-15A	Soil	07/29/20	07/30/20	Glass Jar, 4 oz.



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EOG Resources Inc Carlsbad	Project Name:	ame: Gissler B #62							
104 South 4th Street	Project Number:	19034-	19034-0001				Reported:		
Artesia NM, 88210	Project Manager	: Robert	Asher				08/06/20 13:34		
	105	SP-5 0'-1'							
	P00)7086-01 (Soli	d)						
		Reporting							
Analyte	Result	Limit	Dih	ution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg					Batch:	2031024	
Benzene	ND	0.0250		1	07/31/20	08/05/20			
Foluene	ND	0.0250		1	07/31/20	08/05/20			
Ethylbenzene	ND	0.0250		1	07/31/20	08/05/20			
o,m-Xylene	ND	0.0500		1	07/31/20	08/05/20			
o-Xylene	ND	0.0250		1	07/31/20	08/05/20			
Fotal Xylenes	ND	0.0250	_	1	07/31/20	08/05/20		_	
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150		07/31/20	08/05/20			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				- 6 M	Batch:	2031024	
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/05/20			
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	50-150		07/31/20	08/05/20			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	100				Batch:	2031030	
Diesel Range Organics (C10-C28)	ND	25.0		t	07/31/20	08/03/20			
Oil Range Organics (C28-C40)	ND	50.0		1	07/31/20	08/03/20			
Surrogate: n-Nonane		97.0 %	50-200		07/31/20	08/03/20			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-				Batch:	2032005	
Chloride	ND	20.0	1	1	08/03/20	08/03/20			

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EOG Resources Inc Carlsbad P	roject Name:	Gissler	B #62				
104 South 4th Street P	roject Number;	19034-	0001			Reported: 08/06/20 13:34	
Artesia NM, 88210 P	roject Manager	: Robert	Asher				
		SP-5 1'-2'					
	P00)7086-02 (Soli	d)	_		-	
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031024
Benzene	ND	0.0250	4	07/31/20	08/05/20		
Foluene	ND	0.0250	1	07/31/20	08/05/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/05/20		
o,m-Xylene	ND	0.0500	1	07/31/20	08/05/20		
o-Xylene	ND	0.0250	1	07/31/20	08/05/20		
Fotal Xylenes	ND	0.0250	1	07/31/20	08/05/20		
urrogate: 4-Bromochlorobenzene-PID		102 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/05/20	_	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1.00			Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/03/20		
Dil Range Organics (C28-C40)	ND	50.0		07/31/20	08/03/20		
Surrogate: n-Nonane		97.9 %	50-200	07/31/20	08/03/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032005
Chloride	43.8	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissler	10.000				
	Project Number:					Repo	
Artesia NM, 88210	Project Manager	Robert	Asher			08/06/20) 13:34
		SP-5 2'-3'	6				
	P00	07086-03 (Soli	d)	_			
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031024
Benzene	ND	0.0250	1	07/31/20	08/05/20		
Foluene	ND	0.0250	1) I)	07/31/20	08/05/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/05/20		
o,m-Xylene	ND	0.0500	4	07/31/20	08/05/20		
o-Xylene	ND	0.0250	t.	07/31/20	08/05/20		
Total Xylenes	ND	0.0250		07/31/20	08/05/20		
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	-		Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	4	07/31/20	08/05/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORG) mg/kg	mg/kg				Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/03/20		
Oil Range Organics (C28-C40)	ND	50.0	0	07/31/20	08/03/20		
Surrogate: n-Nonane		97.0 %	50-200	07/31/20	08/03/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032005
Chloride	103	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad	Project Name:	Gissle	· B #62				
104 South 4th Street P	roject Number:	19034-	0001			Repor	ted:
Artesia NM, 88210 P	roject Manager	: Robert	Asher		08/06/20) 13:34	
		SP-5 3'-4'	10				
	P00	07086-04 (Soli	d)			_	
No. 1		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031024
Benzene	ND	0.0250	1	07/31/20	08/05/20		
Toluene	ND	0.0250	1,	07/31/20	08/05/20		
Ethylbenzene	ND	0.0250	4	07/31/20	08/05/20		
p,m-Xylene	ND	0.0500	1	07/31/20	08/05/20		
o-Xylene	ND	0.0250	1	07/31/20	08/05/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/05/20		_
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		1.11		Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	4	07/31/20	08/05/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg			-	Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/03/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/03/20		_
Surrogate: n-Nonane		92.1 %	50-200	07/31/20	08/03/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	11 C			Batch:	2032005
Chloride	104	20.0	1	08/03/20	08/03/20		



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	roject Name: roject Number:	Gissler 19034-	the states				Repor	ted:
Artesia NM, 88210 P	roject Manager	: Robert	Robert Asher					13:34
	P00	SP-5 4'-5' 07086-05 (Soli	d)					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-				Batch:	2031024
Benzene	ND	0.0250		h.	07/31/20	08/05/20		
Foluene	ND	0.0250		1	07/31/20	08/05/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/05/20		
o,m-Xylene	ND	0.0500		1	07/31/20	08/05/20		
o-Xylene	ND	0.0250		1	07/31/20	08/05/20		
Fotal Xylenes	ND	0.0250	_	1	07/31/20	08/05/20		
Surrogate: 4-Bromachlorobenzene-PID		104 %	50-150		07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		-		_	Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/05/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	50-150		07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg					Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/03/20		
Dil Range Organics (C28-C40)	ND	50.0		1	07/31/20	08/03/20		
Surrogate: n-Nonane		83.1 %	50-200		07/31/20	08/03/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg					Batch:	2032005
Chloride	77.8	20.0		1	08/03/20	08/03/20		

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	roject Name: roject Number:	Gissler 19034-				Repor	ted:
	roject Manager	10.000				08/06/20	
		SP-6 0'-1'					1999
	POO)7086-06 (Soli	d)		_		
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	-
Volatile Organics by EPA 8021B	mg/kg	mg/kg			_	Batch:	2031024
Benzene	ND	0.0250	1	07/31/20	08/05/20		
Foluene	ND	0.0250	1	07/31/20	08/05/20		
Bthylbenzene	ND	0.0250	1	07/31/20	08/05/20		
o,m-Xylene	ND	0.0500	4	07/31/20	08/05/20		
o-Xylene	ND	0.0250	1	07/31/20	08/05/20		
Fotal Xylenes	ND	0.0250	1	07/31/20	08/05/20		
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/05/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	50-150	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	12.2			Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0	i i	07/31/20	08/03/20		
Dil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/03/20		
Surrogate: n-Nonane		90.8 %	50-200	07/31/20	08/03/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032005
Chloride	229	20.0	1	08/03/20	08/03/20		

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104 South 4th Street	Project Name: Project Number: Project Manager	19034-	Gissler B #62 19034-0001 Robert Asher				Repor 08/06/20	
	PO	SP-6 1'-2' 07086-07 (Soli	d)					
		Reporting		1		1.0		
Analyte	Result	Limit	Dih	ution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg					Batch:	2031024
Benzene	ND	0.0250		1	07/31/20	08/05/20		
Toluene	ND	0.0250		1	07/31/20	08/05/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/05/20		
p,m-Xylene	ND	0.0500		1	07/31/20	08/05/20		
o-Xylene	ND	0.0250		1	07/31/20	08/05/20		
Total Xylenes	ND	0.0250		1	07/31/20	08/05/20		
Surrogate: 4-Bromochlorobenzene-PID		102 %	50-150		07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg					Batch;	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	1)	07/31/20	08/05/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	50-150		07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1000				Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/04/20		
Oil Range Organics (C28-C40)	ND	50.0		1	07/31/20	08/04/20		
Surrogate: n-Nonane		98.0 %	50-200		07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		-			Batch:	2032005
Chloride	91.7	20.0		1	08/03/20	08/03/20		



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104 South 4th Street	Project Name: Project Number: Project Manager	19034-	Gissler B #62 19034-0001 Robert Asher				Repor 08/06/20	
	P0(SP-6 2'-3' 07086-08 (Soli	d)					
Analyte	Result	Reporting Limit	Di	ution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				1.412	Batch:	2031024
Benzene	ND	0.0250		1	07/31/20	08/05/20		
Toluene	ND	0.0250		i)	07/31/20	08/05/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/05/20		
p,m-Xylene	ND	0.0500		1	07/31/20	08/05/20		
p-Xylene	ND	0.0250		1	07/31/20	08/05/20		
Fotal Xylenes	ND	0.0250		1	07/31/20	08/05/20		
Surrogate: 4-Bromochlorobenzene-PID		104 %	50-150		07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_	_			Batch:	2031024
Sasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/05/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	50-150	1.0	07/31/20	08/05/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg	1.1.1				Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/04/20		
Dil Range Organics (C28-C40)	ND	50.0		ţ	07/31/20	08/04/20		
Surrogate: n-Nonane		96.7 %	50-200		07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg					Batch;	2032005
Chloride	85.5	20.0		1	08/03/20	08/03/20		

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Analytical Laboratory

EOG Resources Inc Carlsbad	Project Name:	Gissler	B #62					
104 South 4th Street	Project Number:	19034-	0001				Repor	ted:
Artesia NM, 88210	roject Manager	: Robert	Asher				08/06/20	13:34
	1.0	SP-6 3'-4'	N		-			
	P00)7086-09 (Soli	d)					
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
olatile Organics by EPA 8021B	mg/kg	mg/kg	_				Batch:	2031024
enzene	ND	0.0250		1	07/31/20	08/06/20		
oluene	ND	0.0250		1	07/31/20	08/06/20		
thylbenzene	ND	0.0250		1	07/31/20	08/06/20		
,m-Xylene	ND	0.0500		k I	07/31/20	08/06/20		
-Xylene	ND	0.0250		b	07/31/20	08/06/20		
otal Xylenes	ND	0.0250		1	07/31/20	08/06/20		
uvrogate: 4-Bromochlorobenzene-PID		107 %	50-150		07/31/20	08/06/20		
Ionhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_				Batch:	2031024
asoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/06/20		
urrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	50-150		07/31/20	08/06/20		
Ionhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				1.000	Batch:	2031030
iesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/04/20		
il Range Organics (C28-C40)	ND	50.0		1	07/31/20	08/04/20		
urrogate: n-Nonane		96.0 %	50-200		07/31/20	08/04/20		
nions by EPA 300.0/9056A	mg/kg	mg/kg					Batch:	2032005
hloride	32.7	20.0		1	08/03/20	08/03/20		

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104 South 4th Street	Project Name: Project Number: Project Manager	19034-	Gissler B #62 19034-0001 Robert Asher				Reported: 08/06/20 13:34	
	P0(SP-6 4'-5' 07086-10 (Soli	d)					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg					Batch:	2031024
Benzene	ND	0.0250	_	1	07/31/20	08/06/20		
Foluene	ND	0.0250		1	07/31/20	08/06/20		
Ethylbenzene	ND	0.0250		1	07/31/20	08/06/20		
p,m-Xylene	ND	0.0500		1	07/31/20	08/06/20		
o-Xylene	ND	0.0250		1	07/31/20	08/06/20		
Total Xylenes	ND	0.0250		1	07/31/20	08/06/20		
Surrogate: 4-Bromochlorobenzene-PID		107 %	50-150		07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg			-		Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/06/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	50-150	-	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC) mg/kg	mg/kg	111		1000		Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/04/20		
Oil Range Organics (C28-C40)	ND	50.0		4	07/31/20	08/04/20		
Surrogate: n-Nonane		93.9 %	50-200		07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	_				Batch:	2032005
Chloride	139	20.0		1	08/03/20	08/03/20		

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104 South 4th Street	Project Name: Project Number: Project Manager	19034-	Gissler B #62 19034-0001 Robert Asher			Repor 08/06/20	
	PO	SP-7 0'-1' 07086-11 (Soli	d)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031024
Benzene	ND	0.0250	1	07/31/20	08/06/20		
Toluene	ND	0.0250	1	07/31/20	08/06/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/06/20		
o,m-Xylene	ND	0.0500	1.	07/31/20	08/06/20		
-Xylene	ND	0.0250	1	07/31/20	08/06/20		
Fotal Xylenes	ND	0.0250	1	07/31/20	08/06/20		
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		-		Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/06/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg	200			Batch:	2031030
Diesel Range Organics (C10-C28)	32.0	25.0	1	07/31/20	08/04/20		
Dil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/04/20		
Surrogate: n-Nonane		90.3 %	50-200	07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032005
Chloride	ND	20.0	1	08/03/20	08/03/20		



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EOG Resources Inc Carlsbad	Project Name:	Gissler	B #62					
104 South 4th Street	Project Number:	19034-	0001				Repor	ted:
Artesia NM, 88210	Project Manager	: Robert	Asher				08/06/20	13:34
	1 N S	SP-7 1'-2'	1					
	PO	07086-12 (Soli	d)				_	
		Reporting						
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		-			Batch:	2031024
Benzene	ND	0.0250	1.11	E	07/31/20	08/06/20		
Foluene	ND	0.0250		1	07/31/20	08/06/20		
Ethylbenzene	ND	0.0250		P	07/31/20	08/06/20		
o,m-Xylene	ND	0.0500		1	07/31/20	08/06/20		
o-Xylene	ND	0.0250		0	07/31/20	08/06/20		
Fotal Xylenes	ND	0.0250		l	07/31/20	08/06/20		
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-150		07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg			100		Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/31/20	08/06/20		
Surrogate: 1-Chloro-4-fluorabenzene-FID		89.4 %	50-150		07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	12.57				Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0		1	07/31/20	08/04/20		
Oil Range Organics (C28-C40)	ND	50.0	1	1	07/31/20	08/04/20	_	
Surrogate: n-Nonane		93.4 %	50-200		07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	-		-		Batch:	2032005
Chloride	ND	20.0		1	08/03/20	08/03/20		



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104 South 4th Street	Project Name: Project Number: Project Manager	19034-	Gissler B #62 19034-0001 Robert Asher			Reported: 08/06/20 13:34	
	P00	SP-7 2'-3' 07086-13 (Soli	d)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2031024
Benzene	ND	0.0250	1	07/31/20	08/06/20		
Toluene	ND	0.0250	i.	07/31/20	08/06/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/06/20		
p,m-Xylene	ND	0.0500	T	07/31/20	08/06/20		
o-Xylene	ND	0.0250	t,	07/31/20	08/06/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/06/20		
Surrogate: 4-Bromochlorobenzene-PID		107 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	ţ.	07/31/20	08/06/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg			10000	Batch:	2031030
Diesel Range Organics (C10-C28)	46.7	25.0	ţ.	07/31/20	08/04/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/04/20		
Surrogate: n-Nonane		95.3 %	50-200	07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032005
Chloride	ND	20.0	1	08/03/20	08/03/20		

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EOG Resources Inc Carlsbad Pr	oject Name:	Gissler	B #62				
104 South 4th Street Pr	oject Number:	19034-	0001			Repor	ted:
Artesia NM, 88210 Pr	oject Manager	: Robert	Asher			08/06/20	13:34
		SP-7 3'-4'					
	P00	07086-14 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-			Batch:	2031024
Benzene	ND	0.0250	1	07/31/20	08/06/20		
Toluene	ND	0.0250	1	07/31/20	08/06/20		
Ethylbenzene	ND	0.0250	1	07/31/20	08/06/20		
p,m-Xylene	ND	0.0500	1	07/31/20	08/06/20		
o-Xylene	ND	0.0250	1	07/31/20	08/06/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/06/20	_	
Surrogate: 4-Bromochlorobenzene-PID		107 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/06/20		
Surrogate: 1-Chloro-4-fluorobenzene-F1D		90.9 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-			Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/04/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/04/20		
Surrogate: n-Nonane		97.0 %	50-200	07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032005
Chloride	ND	20.0	1	08/03/20	08/03/20		



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Anal	ytical	Labora	tory

EOG Resources Inc Carlsbad	Project Name:	Gissler	B #62				12000
104 South 4th Street	Project Number:	19034-	0001			Repor	ted:
Artesia NM, 88210	Project Manager	: Robert	Asher			08/06/20	13:34
	100	SP-7 4'-5'	4			-	
	P0	07086-15 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-			Batch:	2031024
Benzene	ND	0.0250	1	07/31/20	08/06/20		
Toluene	ND	0.0250	1	07/31/20	08/06/20		
Ethylbenzene	ND	0.0250	4	07/31/20	08/06/20		
p,m-Xylene	ND	0.0500	1	07/31/20	08/06/20		
o-Xylene	ND	0.0250	1	07/31/20	08/06/20		
Total Xylenes	ND	0.0250	1	07/31/20	08/06/20		
Surrogate: 4-Bromochlorobenzene-PID		107 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg			- Contract	Batch:	2031024
Gasoline Range Organics (C6-C10)	ND	20.0	4	07/31/20	08/06/20		-
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	50-150	07/31/20	08/06/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORG) mg/kg	mg/kg				Batch:	2031030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/20	08/04/20		
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/04/20		
Surrogate: n-Nonane		98.8 %	50-200	07/31/20	08/04/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2032005
Chloride	ND	20.0	1	08/03/20	08/04/20		





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EOG Resources Inc Carlsbad		Project Name:		Gissler B #62					
104 South 4th Street		Project Number:		19034-0001					Reported:
Artesia NM, 88210		Project Manager:		Robert Asher					08/06/20 13:34
	Vol	atile Organics by	EPA	8021B - Qu	ality Cor	ntrol			
		Reporting	Spike	Source		REC		RPD	1610
Analyte	Result	Limit	Level	Result	REC	Limits	RPD	Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2031024-BLK1)							Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p.m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bramachlorobenzene-PID	8.16		8.00		102	50-150		-	
LCS (2031024-BS1)							Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Benzene	4,94	0.0250	5.00		98.9	70-130			
Toluene	5,06	0.0250	5.00		101	70-130			
Ethylbenzene	5,00	0.0250	5.00		100	70-130			
o,m-Xylene	9,94	0.0500	10.0		99.4	70-130			
p-Xylene	4.94	0.0250	5.00		98.8	70-130			
Total Xylenes	14.9	0.0250	15.0		99.2	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	\$0-150			
Matrix Spike (2031024-MS1)	_				Source: P	007082-01	Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Benzene	4,96	0.0250	5.00	ND	99.2	54.3-133			
Tolucne	5,09	0.0250	5.00	ND	102	61.4-130			
Ethylbenzene	5,04	0.0250	5.00	ND	101	61.4-133			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63.3-131			
o-Xylene	4,96	0.0250	5.00	ND	99.1	63.3-131			
Total Xylenes	15,0	0.0250	15.0	ND	99.9	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		105	50-150			
Matrix Spike Dup (2031024-MSD1)					Source: P	007082-01	Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Benzene	4,90	0,0250	5.00	ND	97.9	54.3-133	1.29	20	
Toluene	5.04	0.0250	5.00	ND	101	61.4-130	0.959	20	
Ethylbenzenc	4.99	0.0250	5.00	ND	99.8	61.4-133	1.07	20	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63.3-131	1.32	20	
o-Xylene	4.94	0,0250	5.00	ND	98.8	63.3-131	0.389	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.9	0-200	1.01	200	
Surrogate: 4-Bromochlorobenzene-PID	8.41	CALCULATION OF THE OWNER	8.00	1	105	50-150			

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EOG Resources Inc Carlsbad 104 South 4th Street Artesia NM, 88210		Project Name: Project Number Project Manage		Gissler B #62 19034-0001 Robert Asher					Reported: 08/06/20 13:34
	Nonhalogen	ated Organics	by EPA	A 8015D - G	RO - Qua	lity Cont	rol		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC %	REC Limits %	RPD %	RPD Limit %	Notes
Blank (2031024-BLK1)						_	Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Gasoline Range Organics (C6-C10)	ND	20.0				-			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7,11		8.00		88.9	50-150			
LCS (2031024-BS2)							Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7,30		8.00		91.2	50-150			
Matrix Spike (2031024-MS2)					Source: P	007082-01	Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Gasoline Range Organies (C6-C10)	49.9	20.0	50.0	ND	99.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	50-150			
Matrix Spike Dup (2031024-MSD2)					Source: P	007082-01	Prepared	: 07/31/20	1 Analyzed: 08/05/20 1
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	0.918	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	50-150			



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EOG Resources Inc Carlsbad 104 South 4th Street Artesia NM, 88210		Project Name: Project Number: Project Manager:	3	Gissler B #62 19034-0001 Robert Asher					Reported: 08/06/20 13:34
	Nonhalogenate	d Organics by H	PA 8	015D - DRO	/ORO - 0	Quality C	ontrol		
Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2031030-BLK1)							Prepared	1: 07/31/20	1 Analyzed: 08/03/20 1
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C40)	ND ND	25.0 50.0							
Surrogate: n-Nonane	58.5		50.0		117	50-200			
LCS (2031030-BS1)							Prepared	1: 07/31/20	1 Analyzed: 08/03/20
Diesel Range Organics (C10-C28)	479	25.0	500		95.9	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			
Matrix Spike (2031030-MS1)					Source: P	007082-01	Prepared	1: 07/31/20	1 Analyzed: 08/03/20 1
Diesel Range Organies (C10-C28)	464	25.0	500	ND	92.8	38-132			
Surrogate: n-Nonane	47.8		50.0		95.5	50-200			
Matrix Spike Dup (2031030-MSD1)					Source: P	007082-01	Prepared	1: 07/31/20	1 Analyzed: 08/03/20 1
Diesel Range Organics (C10-C28)	458	25.0	500	ND	91,6	38-132	1.31	20	
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			



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EOG Resources Inc Carlsbad		Project Name:	-	Gissler B #62	1				a Containe
104 South 4th Street		Project Numbe	r:	19034-0001					Reported:
Artesia NM, 88210		Project Manage	er:	Robert Asher					08/06/20 13:34
	A	nions by EPA	300.0/90	56A - Qual	ity Contr	ol			
Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2032005-BLK1)					1.1		Prepared	i: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	ND	20.0							
LCS (2032005-BS1)							Prepared	1: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2032005-MS1)					Source: P	007086-01	Prepared	1: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	266	20.0	250	ND	106	80-120		-	
Matrix Spike Dup (2032005-MSD1)					Source: P	007086-01	Prepared	1: 08/03/20	0 Analyzed: 08/03/20 1
Chloride	264	20.0	2.50	ND	106	80-120	0.656	20	

Received by OCD: 9/28/2022 1:56:23 PM

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 my differ slightly.

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EOG Resources Inc Carlsbad	Project Name:	Gissler B #62	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	08/06/20 13:34
Allesia NW, 88210	i foject ivianager.	Robert Mallet	00/00/20 1

Notes and Definitions

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

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Rest Analysis and Method Solution	Interfaciency Address: .04 south afth Erection Address: .04 south afth Erection State Interfaciency Environment	Asher	Der	à	odut n	1903-1-0001	-	VAA
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Image: Solution Image: So	Instruction	188210	City, State, Zip Artesia, NM 88210 Phone: (575) 748-4217	STOB		-		CO UT
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1 Sp-6 1-2 2-3 2-3 86DOC 1 Sp-6 2-3 3-4 N <td>1 SP-6 1-2 X X X X X N B6D0C 1 SP-6 2-3 X X X X X N N B6D0C 1 SP-6 3-4 X X X X N N B6D0C 1 SP-6 3-4 X X X X N N B6D0C 1 SP-6 3-4 X X X X X N B6D0C 1 SP-6 3-4 X X X X X X N B6D0C 1 SP-6 3-4 X</td> <td>SP-6</td> <td></td> <td></td> <td></td> <td>×</td> <td></td> <td>BGDOC</td>	1 SP-6 1-2 X X X X X N B6D0C 1 SP-6 2-3 X X X X X N N B6D0C 1 SP-6 3-4 X X X X N N B6D0C 1 SP-6 3-4 X X X X N N B6D0C 1 SP-6 3-4 X X X X X N B6D0C 1 SP-6 3-4 X X X X X X N B6D0C 1 SP-6 3-4 X	SP-6				×		BGDOC
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1 SP-6 4-5 10 X X X X X X X X X X BGDOC authenticity of this sample. I am aware that tampering with or intentionality mitabelling the sample location, date or 10 X	1 SP-6 4-5 IO X <t< td=""><td>SP-6</td><td></td><td>-</td><td>X</td><td>×</td><td></td><td>BGDOC</td></t<>	SP-6		-	X	×		BGDOC
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5796 US Highway 64, Farmington, NM 87401 24 hour Emergency Response Phone (800) 362-1879

Analytical Laboratory

Received by OCD: 9/28/2022 1:56:23 PM

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	Additional Instructions: PO# 205632											
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	Sample Matrix: 5 - Soli, Sd - Solid, Sg - Sludge, A - Note: Samules are discorded 30 days after results	- Aqueous, O - Other		Container Ty	pe:	, p	- poly/	plastic,	ag - amber	· glass, v - V	/OA	es is annitrable only to the
5796 US Highway 64, Farmington, NM 87401	samples received by the laboratory with this COC	. The liability of the labo			in page							un or laun sussidide ri or
	C enviro	toch	5796 US Highway 64, Farmington, NM 87401			Ph (5)5) 632-	0615 FX	(505) 832-11	365		an a the state

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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

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	147026
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
amaxwell	None	10/6/2022

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Action 147026