Page 1 of 215

Incident ID nAPP2127158905
District RP
Facility ID
Application ID

# Closure

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

Closure Report Attachment Checklist: Each of the following it	ems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and remhuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the correct accordance with 19.15.29.13 NMAC including notification to the October Printed Name:  Chase Settle  Signature:  Chase Settle	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.  Title: Rep Safety & Environmental Sr  Date: 12/30/2022
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>
OCD Only	
Received by: Robert Hamlet	Date:5/4/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Robert Hamlet	Date: 5/4/2023
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced



## SITE REMEDIATION AND CLOSURE REPORT

NICHOLAS BJ BATTERY
UNIT I, SECTION 5, TOWNSHIP 19S, RANGE 25E
EDDY COUNTY, NEW MEXICO
32.677626, -104.483689
RANGER REFERENCE NO. 5375

PREPARED FOR:

EOG RESOURCES, INC.
ARTESIA DIVISION
105 S 4TH STREET
ARTESIA, NEW MEXICO 88210

PREPARED BY:

RANGER ENVIRONMENTAL SERVICES, LLC.
P.O. BOX 201179
AUSTIN, TEXAS 78720

**DECEMBER 29, 2022** 

Chad M. Copeland, P.G. (TX) Senior Project Manager

CMCXCC

William Kierdorf, REM Project Manager

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## **FORM C-141**

## **FIGURES**

- Topographic Map
- Area Map
- Final Excavation Area and Confirmation Sample Location Map

## **TABLES**

Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300)
 Analytical Data

## **ATTACHMENTS**

- Attachment 1 Photographic Documentation
- Attachment 2 Laboratory Analytical Reports
- Attachment 3 Howell Ranch Seed Mixture
- Attachment 4 NMOCD Correspondence



SITE REMEDIATION AND CLOSURE REPORT **NICHOLAS BJ BATTERY UNIT I, SECTION 5, TOWNSHIP 19S, RANGE 25E EDDY COUNTY, NEW MEXICO** 32.677626, -104.483689 **RANGER REFERENCE NO. 5375** 

#### 1.0 SITE LOCATION AND BACKGROUND

The Nicholas BJ Battery (Site) is an active oil and gas facility pad located on private land, approximately 12 miles southwest of Artesia, within Eddy County, New Mexico. The facility is situated in Unit I, Section 5, T19S-R25E at GPS coordinates 32.677626, -104.483689. The location was historically operated by EOG Resources, Inc. (EOG). In November 2021, operations at the subject Site were transferred from EOG to Silverback Exploration II, LLC. (Silverback).

On August 5, 2021, during a site visit, Howell Ranch Revocable Trust (Howell Ranch) representatives identified an area-of-concern located north and east of the tank battery at the Site. The area-of-concern was noted to lack vegetation growth similar to that of the surrounding areas. EOG subsequently engaged Ranger Environmental Services, LLC. (Ranger) to assist in the assessment, remediation, and reclamation efforts at the Site.

On September 2, 2021, Ranger personnel conducted an initial assessment of the reported area. Based on the assessment results, the area was reported to the New Mexico Oil Conservation Division (NMOCD) on September 28, 2021 (NMOCD Incident # nAPP2127158905). Further assessment activities were conducted at the Site on December 20-21, 2021 and January 11, 2022 in order to complete the delineation of the site impacts.

The results of the site assessment activities were summarized in Ranger's March 18, 2022 "Site Assessment/Characterization Report." In addition to summarizing the results of the site assessment activities, the report also provided site characterization details and proposed site characterization confirmation activities. Due to the lack of recent (<25 years old) depth-togroundwater data within a one-half mile radius of the Site, the depth-to-groundwater at the Site required confirmation via the installation of a soil boring/temporary monitor well. EOG installed the temporary monitor well in May 2022 to confirm the site-specific depth-to-groundwater information. To document the findings of the depth-to-groundwater investigation activities and to propose a remedial strategy for the site, a Ranger Prepared "Site Characterization Update and Proposed Remediation Plan," dated July 12, 2022, was submitted to the NMOCD. On November 4, 2022, the NMOCD approved the remediation plan.

In November 2022, remedial soil removal efforts were initiated at the Site. The following report has been prepared to document the remediation and confirmation soil sampling activities completed at the Site.

STATE OF TEXAS PROFESSIONAL GEOSCIENTIST FIRM NO. 50140 • STATE OF TEXAS PROFESSIONAL ENGINEERING FIRM NO. F-6160

OFFICE: 512/335-1785

Copies of the previously submitted Form C-141 Release Notification and Assessment/Characterization sections of Form C-141 are attached. A recent Closure section of Form C-141, is also attached.

A Topographic Map and Area Map noting the location of the subject Site and surrounding areas, as well as a Site Map illustrating the Site features and sampling locations, are provided in the Figures section.

### 2.0 SITE REMEDIATION

## 2.1 <u>Impacted Soil Removal and Confirmation Soil Sampling</u>

From November 17, 2022 to December 20, 2022 soil removal operations were conducted at the Site. During the excavation process, Ranger personnel collected field readings from the excavated areas utilizing an organic vapor monitor (OVM) and field chloride titration kit to assist in guiding the excavation to appropriate boundaries. Upon completion, the excavation had maximum dimensions of approximately 255 feet by 172 feet and was completed to depths varying from approximately one foot to a maximum depth of approximately 15 feet below ground surface (bgs).

To assess the excavated areas and confirm that the excavations had been completed to appropriate boundaries, initial cleanup confirmation soil sampling activities were conducted on December 7 and 8, 2022. The cleanup confirmation soil samples were collected from various locations within the excavation base and along the excavation side walls in accordance with NMAC 19.15.29.12(D), as five-part composite samples representative of no more than 200 square feet.

Upon review of the laboratory analytical results of the initial confirmation samples, multiple excavation samples collected from the excavation base ("B-29", "B10-1", "B10-2", & "B10-3") and side walls ("W-4", "W-8", "W-9", "W-15", "W-17, "10-1", & 10-4") were noted to have TPH and/or chloride exceedances of the applicable regulatory closure criteria. To address the elevated concentrations, over-excavation activities were completed in these sample areas and additional confirmation samples for laboratory analysis were once again collected in accordance with NMAC 19.15.29.12, with each sample representing less than 200 square feet. Additional removal and confirmation soil sampling activities were completed on December 20 and 22, 2022.

Upon collection, all cleanup confirmation soil samples were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and total chloride using EPA Method 300. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Prior to each confirmation sampling event, notice was provided to the NMOCD in accordance with NMAC 19.15.29.12(D). Copies of the notifications are attached.

A *Final Excavation Area and Confirmation Sample Location Map* is provided in the Figures section which illustrates the excavation boundaries, depths and the locations of the cleanup confirmation soil samples.



## 2.2 <u>Final Confirmation Sample Results</u>

Upon review of the final cleanup confirmation sample results, all areas have been documented to be in attainment of the Restoration, Reclamation and Re-Vegetation criteria detailed in NMAC 19.15.29.13 and/or NMAC 19.15.9.12 Table 1 (DTGW >100') criteria. A comprehensive sample results table summarizing the laboratory analytical results for all of the cleanup confirmation soil samples collected during the remediation process is attached. Copies of the laboratory analytical reports including chain-of-custody documentation are also attached.

## 2.3 Waste Disposal

All soils generated during the remedial excavation activities were transported and disposed of at Lea Land disposal facility in Lea County, New Mexico.

### 3.0 SITE CLOSURE

## 3.1 <u>Site Backfill and Revegetation</u>

Based on the soil sample laboratory results, the excavated areas will be backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13.

Upon completion of the site backfill activities, the areas will be re-seeded with the surface owner directed seed mixture. A copy of the seed mixture is attached.

## 3.2 Closure Request

Based on the site assessment activities and results of the cleanup confirmation soil samples, the site has been properly addressed pursuant to NMAC 19.15.29 and EOG respectfully requests closure of the incident. A final C-141 form is attached.



ceived by OCD: 12/30/2022 1:25:52 PM	Page 7 of
FORM C-141	
I OKW C-141	

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2127158905
District RP	
Facility ID	
Application ID	

# **Release Notification**

## **Responsible Party**

D 11	D /				OCDID -		
Responsible Party EOG Resources, Inc.		OGRID 7377					
Contact Name Chase Settle		Contact Telephone 575-748-1471					
Contact ema	<sup>il</sup> Chase_	Settle@eogre	esources.com	ı	Incident #	# (assigned by OCD) nAPP2127158905	
Contact mai	ling address	104 S. 4th St	reet, Artesia,	NM 8	3210		
			Location	n of R	elease S	Source	
Latitude 32.	.68959				Longitude	-104.49939	
			(NAD 83 in a	lecimal de	grees to 5 deci		
Site Name N	icholas R	.I Battery			Site Type		
Date Release	Discovered	9/21/2021			API# (if ap		
		0/21/2021					
Unit Letter	Section	Township	Range County		Cou	inty	
I 5 19S 25E Eddy		У					
Howell Povecable Trust							
Surface Owne	Surface Owner: State Federal Tribal Private (Name: Howell Revocable Trust						
			Nature an	d Vo	lume of	Release	
	Matania	ol(a) Dalagard (Salagt	all that amply and attac	ماه ممامیرامه	i	is justification for the volumes analysis of below)	
Crude Oi		Volume Releas		en calcula	ions or specific	specific justification for the volumes provided below)  Volume Recovered (bbls)	
✓ Produced	Water	Volume Releas	ed (bbls) Unkno	)WD		Volume Recovered (bbls)	
			ation of dissolved		e in the	✓ Yes ☐ No	
produced water >10,000 mg/l?							
Condensate Volume Released (bbls)			Volume Recovered (bbls)				
Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)				
Other (describe) Volume/Weight Released (provide units)		)	Volume/Weight Recovered (provide units)				
Cause of Rel	lease Histor	ical impacts re	ported by the	surface	owner.	The environmental consultant contracted to	
	invest	tigate the area than likely brea	determined or	า 9/21/2	21 based (	on the impacted area footprint that the release	
	111010	and intoly bloc	aoriou trio rope	, labic	· Jidilio III	ii oonora.	

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Incident ID	nAPP2127158905
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Was this a major release as defined by 19.15.29.7(A) NMAC?  ☐ Yes ☑ No	If YES, for what reason(s) does the respon	sible party consider this a major release?	
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?	
	Initial Ro	esponse	
The responsible	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury	
<ul><li>✓ The impacted area ha</li><li>✓ Released materials ha</li></ul>	ease has been stopped.  s been secured to protect human health and ave been contained via the use of berms or decoverable materials have been removed and	ikes, absorbent pads, or other containment devices.	
	d above have <u>not</u> been undertaken, explain v		
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Chase		Title: Rep Safety & Environmental Sr	
Signature: Chan	ettle	Date: 9/28/21	
email: Chase_Settle	@eogresources.com	Telephone: <u>575-748-1471</u>	
OCD Only  Received by: Ramona	Marcus	Date: 10/01/2021	

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Form C-141
State of New Mexico
Page 3
Oil Conservation Division

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Incident ID	
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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?	(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 <b>not</b> 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  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps  Laboratory data including chain of custody			

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

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Page 4 Oil Conservation Division

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

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ent ID		

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Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.			
□ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation points □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC □ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)			
<u>Deferral Requests Only</u> : Each of the following items must be con	firmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility		
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:	Title:		
Signature:	Date:		
email:	Telephone:		
OCD Only			
Received by:	Date:		
☐ Approved ☐ Approved with Attached Conditions of	Approval		
Signature:	Date:		

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Incident ID		
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Facility ID		

Application ID

# Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC			
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
☐ Laboratory analyses of final sampling (Note: appropriate ODG	C 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:			
Signature:	Date:		
email:	Telephone:		
OCD Only			
Received by:	Date:		
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:	Date:		

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 52547

## CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	52547
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	10/1/2021

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ate of New Mexico
Incident ID

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# Site Assessment/Characterization

 $This information \ must be provided \ to \ the \ appropriate \ district \ of fice \ no \ later \ than \ 90 \ days \ after \ the \ release \ discovery \ date.$ 

What is the shallowest depth to groundwater beneath the area affected by the release? *The depth to groundwater has been confirmed to be greater than 100l bgs via a soil boring/temporary monitor well completed in May 2022.	<u>&gt;100'</u> (ft bgs)		
Did this release impact groundwater or surface water?			
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?			
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ⊠ No		
	⊠ 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.			
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> </ul>			
<ul> <li>☑ Photographs including date and GIS information</li> <li>☑ Topographic/Aerial maps</li> <li>☑ Laboratory data including chain of custody</li> </ul>			

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Application ID

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.

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

public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:Chase Settle Title:Rep Safety & Environmental Sr			
Signature: Chase Settle Date: 07/13/2022			
email: Chase_Settle@eogresources.com Telephone: <u>575-748-1471</u>			
OCD Only			
Received by: Date:			

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Incident ID	nAPP2127158905	
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Facility ID		
Application ID		

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.		
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>		
Deferral Requests Only: Each of the following items must be confirm	ned as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.		
Extents of contamination must be fully delineated.		
Contamination does not cause an imminent risk to human health, the	e environment, or groundwater.	
	the state of the s	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr	
Signature: Chase Settle I	Date: 07/13/2022	
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471	
OCD Only		
Received by: Robert Hamlet D	rate:11/4/2022	
☐ Approved	proval	
Signature: Robert Hamlet Da	te: 11/4/2022	

Received by OCD: 12/30/2022 1:25:52 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

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Incident ID nAPP2127158905
District RP
Facility ID
Application ID

# Closure

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

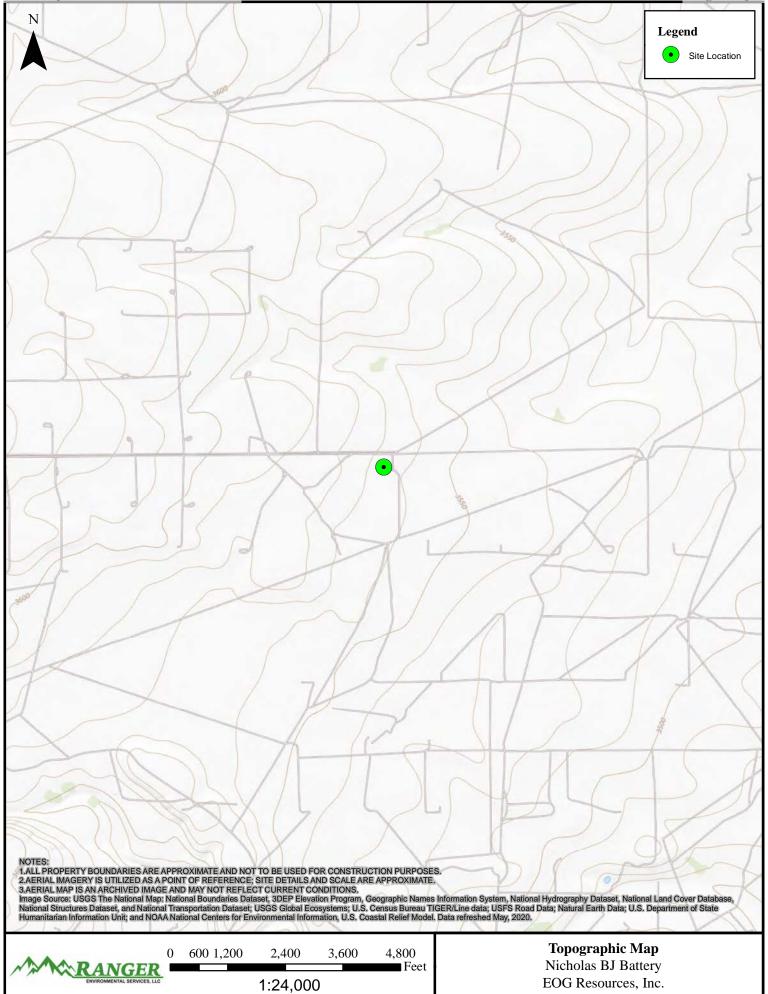
Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.						
A scaled site and sampling diagram as described in 19.15.29.	.11 NMAC						
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)							
□ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)							
☐ Description of remediation activities							
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regularestore, reclaim, and re-vegetate the impacted surface area to the caccordance with 19.15.29.13 NMAC including notification to the Printed Name:  Chase Settle	lations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.  Title: Rep Safety & Environmental Sr  Date: 12/30/2022						
OCD Only							
Received by:	Date:						
	y of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.						
Closure Approved by:	Date:						
Printed Name:	Title:						

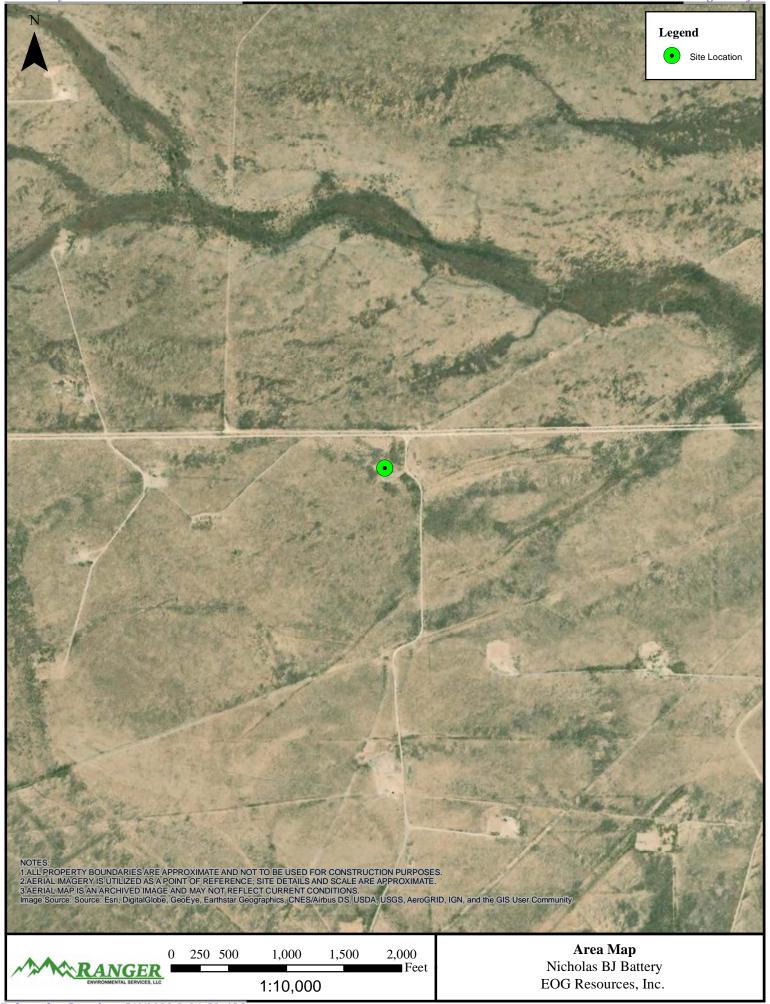
# **FIGURES**

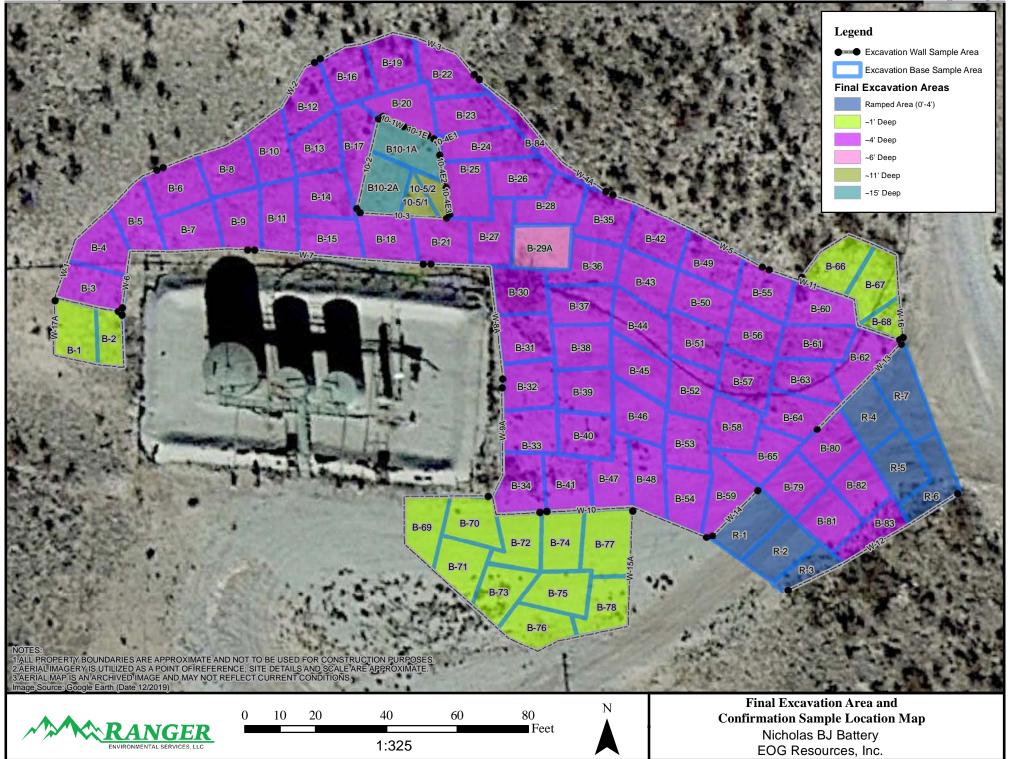
Topographic Map

Area Map

Final Excavation Area and Confirmation Sample Location Map







# **TABLES**

Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

# CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. NICHOLAS BJ BATTERY

All values presented in parts per million (mg/Kg)

All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
Excavation Base Soil Samples													
B-1	12/7/2022	1'	<0.024	<0.048	<0.048	< 0.096	<0.10	<4.8	<15	<48	<15	<48	<60
B-2	12/7/2022	1'	<0.025	< 0.050	< 0.050	<0.099	<0.10	<5.0	<14	<48	<14	<48	<60
B-3	12/7/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	<60
B-4	12/7/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	<61
B-5	12/7/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	180
B-6	12/7/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<50	<15	<50	<61
B-7	12/7/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<48	<14	<48	1,200
B-8	12/7/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<50	<15	<50	1,400
B-9	12/7/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	<60
B-10	12/7/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	680
B-11	12/7/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<50	<15	<50	65
B-12	12/7/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<50	<15	<50	1,600
B-13	12/7/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<47	<14	<47	150
B-14 B-15	12/7/2022	4' 4'	<0.025	<0.049 <0.048	<0.049 <0.048	<0.098	<0.10 <0.10	<4.9 <4.8	<15	<49	<15	<49 <48	920 600
B-15	12/7/2022 12/7/2022	4'	<0.024 <0.025	<0.046	<0.046	<0.097 <0.10	<0.10	<4.6 <5.0	<14 <15	<48 <48	<14 <15	<48	270
B-10	12/7/2022	4'	<0.023	<0.030	<0.030	<0.097	<0.10	<4.9	<15	<50	<15	<50	280
B-17	12/7/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<50	<15	<50	660
B-19	12/7/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	200
B-19	12/7/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9 <4.9	<15	<49	<15	<49 <49	5,300
B-21	12/7/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9 <4.9	<15	<49	<15	<49 <49	230
B-22	12/7/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9 <4.9	60	<49	60	60	810
B-23	12/7/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	3,800
B-24	12/7/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<50	<15	<50	1,600
B-25	12/7/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	2,100
B-26	12/7/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	1,000
B-27	12/7/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<47	<14	<47	1,400
B-28	12/7/2022	4'	<0.025	< 0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	830
B-29	12/7/2022	4'	<del>&lt;0.12</del>	<del>&lt;0.25</del>	<del>&lt;0.25</del>	<0.50	<0.50	<del>&lt;25</del>	1,900	1,800	1,900	3,700	3,600
B-29A	12/20/2022	6'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<13	<43	<13	<43	1,300
B-30	12/8/2022	4'	<0.024	< 0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	610
B-31	12/8/2022	4'	<0.025	< 0.049	<0.049	< 0.099	<0.10	<4.9	22	53	22	75	2,900
B-32	12/8/2022	4'	<0.024	<0.048	<0.048	< 0.097	<0.10	<4.8	<15	<50	<15	<50	270
B-33	12/8/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	1,300
B-34	12/8/2022	4'	< 0.025	<0.049	< 0.049	< 0.099	<0.10	<4.9	<15	<50	<15	<50	650
B-35	12/8/2022	4'	<0.024	<0.049	< 0.049	<0.098	<0.10	<4.9	<13	<44	<13	<44	990
B-36	12/8/2022	4'	<0.025	< 0.050	< 0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	790
B-37	12/8/2022	4'	<0.024	<0.049	< 0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	870
B-38	12/8/2022	4'	< 0.025	< 0.049	< 0.049	< 0.099	<0.10	<4.9	<15	<49	<15	<49	2,000
B-39	12/8/2022	4'	<0.025	< 0.050	< 0.050	<0.10	<0.10	<5.0	<15	<49	<15	<49	2,000
B-40	12/8/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<46	<14	<46	2,500
B-41	12/8/2022	4'	<0.025	< 0.050	< 0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	2,700
B-42	12/8/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<46	<14	<46	5,500
B-43	12/8/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	4,800
B-44	12/8/2022	4'	<0.024	<0.048	<0.048	< 0.097	<0.10	<4.8	<15	<49	<15	<49	1,100
B-45	12/8/2022	4'	<0.025	< 0.050	< 0.050	<0.099	<0.10	<5.0	<13	<43	<13	<43	750
B-46	12/8/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<46	<14	<46	350
B-47	12/8/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	790
B-48	12/8/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<47	<14	<47	910
B-49	12/8/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<46	<14	<46	3,000
B-50	12/8/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<49	<15	<49	900
B-51	12/8/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<13	<42	<13	<42	330
B-52	12/8/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<15	<49	<15	<49	210
B-53	12/8/2022	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	290
B-54	12/8/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<48	<14	<48	110
B-55	12/8/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<47	<14	<47	570
B-56	12/8/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	570
B-57	12/8/2022	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<46	<14	<46	570
B-58	12/8/2022	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<49	<15	<49	540
B-59	12/8/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<48	<15	<48	600
B-60 B-61	12/8/2022	4' 4'	<0.024	<0.049 <0.049	<0.049 <0.049	<0.098	<0.10	<4.9	<14	<47	<14 <14	<47	580 540
B-62	12/8/2022	4'	<0.025		<0.049	<0.098	<0.10 <0.10	<4.9 <5.0	<14	<46 <49	<14 <15	<46	540 520
	12/8/2022	4'	<0.025	<0.050	<0.050	<0.10			<15			<49	560
B-63 B-64	12/8/2022 12/8/2022	4'	<0.025 <0.025	<0.050 <0.050	<0.050	<0.099 <0.10	<0.10 <0.10	<5.0 <5.0	<14 <14	<46 <47	<14 <14	<46 <47	540
B-65	12/8/2022	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0 <4.9	<14	<47 <48	<14	<47 <48	550
B-66	12/8/2022	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9 <5.0	<15	<46 <50	<15	<40 <50	190
B-67	12/8/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0 <5.0	<14	<47	<14	<47	180
B-68	12/8/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0 <5.0	<15	<49	<15	<49	210
B-68 B-69	12/8/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0 <4.8	<15	<49 <48	<15	<49 <48	210
B-69 B-70	12/8/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8 <4.9	<14	<48 <48	<14	<48 <48	210
B-70 B-71	12/8/2022	1'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9 <4.9	<15	<48 <47	<15	<48 <47	210
B-71	12/8/2022	1'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9 <5.0	<14	<47	<14	<47	210
B-72	12/8/2022	1'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0 <5.0	<15	<47 <50	<15	<47 <50	160
B-73	12/8/2022	1'	<0.025	<0.030	<0.030	<0.098	<0.10	<4.9	<15	<49	<15	<49	230
D-74	12/0/2022		~U.UZU	~U.U+3	~∪.∪ <del>+</del> 3	~0.030	~U.1U	√∓.3	<b>~13</b>	\ <del>+</del> 3	\13	\ <del>-</del> +3	200

# CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. NICHOLAS BJ BATTERY

All values presented in parts per million (mg/Kg)

				All valu	ues presente	d in parts pe	r million (mg	ı/Kg)					
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
B-75	12/8/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	190
B-76	12/8/2022	1'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<14	<47	210
B-77	12/8/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<49	<15	<49	160
B-78	12/8/2022	1'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<50	<15	<50	170
B-79	12/8/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<50	<15	<50	370
B-80	12/8/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<46	<14	<46	390
B-81 B-82	12/8/2022 12/8/2022	4' 4'	<0.024 <0.025	<0.049 <0.049	<0.049 <0.049	<0.097 <0.099	<0.10 <0.10	<4.9	<14 <15	<47 <50	<14	<47 <50	420 470
B-83	12/8/2022	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9 <4.9	<15	<49	<15 <15	<49	340
B-84	12/22/2022	4'	<0.024	<0.049	<0.049	<0.12	<0.10	<6.1	<15	<49	<15	<49	2,400
D-04	12/22/2022	-	<0.030	Q0.001	<b>\0.001</b>	Q0.12	<0.1Z	ζ0.1	<10	<b>V43</b>	V10	V40	2,400
R-1	12/8/2022	0'-4'	< 0.024	<0.048	<0.048	< 0.097	<0.10	<4.8	<14	<47	<14	<47	<60
R-2	12/8/2022	0'-4'	<0.025	< 0.049	<0.049	<0.099	<0.10	<4.9	<15	<49	<15	<49	140
R-3	12/8/2022	0'-4'	<0.025	< 0.050	< 0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	250
R-4	12/8/2022	0'-4'	< 0.025	<0.049	< 0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	220
R-5	12/8/2022	0'-4'	< 0.025	<0.049	< 0.049	< 0.099	<0.10	<4.9	<15	<49	<15	<49	250
R-6	12/8/2022	0'-4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	130
R-7	12/8/2022	0'-4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<15	<48	<15	<48	64
D10.1	40/00/2022	40'	-0.025	-0.050	-0.050	0.45	0.15	7.7	2 200	1 500	2007.7	4207.7	0400
<del>B10-1</del> B10-1A	12/08/2022 12/20/2022	10' 15'	<del>&lt;0.025</del> <0.12	<del>&lt;0.050</del> <0.25	<del>&lt;0.050</del> <0.25	0.15 <0.49	0.15 <0.49	<del>7.7</del> <25	<del>2,800</del> 160	<del>1,500</del> 76	<del>2807.7</del> 160	<del>4307.7</del> 236	9100 13,000
B10-1A B10-2	12/20/2022 12/08/2022	15'	<0.12 <0.12	<0.25 <0.24	<0.25 <del>&lt;0.24</del>	<0.49 <0.48	<0.49 <del>&lt;0.48</del>	<25 <del>&lt;24</del>	2,000	76 1,100	160 <del>2,000</del>	3,100	9,600
B10-2A	12/20/2022	15'	<del>&lt;0.12</del> <0.024	<del>&lt;0.24</del> <0.048	<0.24 <0.048	<0.096	<del>&lt;0.48</del> <0.10	<del>&lt;24</del> <4.8	20	+,100 <46	20	<del>3,100</del> 20	<del>9,600</del> 11,000
B10-2A	12/20/2022	10'	<0.024	<0.040	<0.040	0.030	0.17	8.4	1,800	950	1,808.4	<del>2,758.4</del>	9,100
10-5/1	12/20/2022	11'-15'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	2,300
10-5/2	12/20/2022	11'-15'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<14	<47	<14	<47	2,300
		ı						1	ı	ı		ı	
Excavation Wall Soil Samples													
W-1	12/7/2022	0'-4'	< 0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<50	<15	<50	110
W-2	12/7/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<15	<50	<60
W-3	12/7/2022	0'-4'	< 0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<15	<50	<15	<50	<60
₩-4	12/7/2022	<del>0'-4'</del>	<del>&lt;0.024</del>	<del>&lt;0.049</del>	<del>&lt;0.049</del>	<del>&lt;0.097</del>	<del>&lt;0.10</del>	<del>&lt;4.9</del>	<del>&lt;1</del> 4	<del>&lt;48</del>	<del>&lt;14</del>	<del>&lt;48</del>	840
W-4A	12/20/2022	0'-4'	<0.025	<0.049	<0.049	<0.099	<0.10	<5.0	<14	<48	<14	<48	230
W-5	12/7/2022	0'-4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	300
W-6 W-7	12/7/2022	0'-4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<48	<14	<48	260
W-8	12/7/2022 12/7/2022	0'-4' <del>0'-4'</del>	<0.025 <0.024	<0.050 <del>&lt;0.049</del>	<0.050 <del>&lt;0.049</del>	<0.099 <del>&lt;0.097</del>	<0.10 <del>&lt;0.10</del>	<5.0 <del>&lt;4.9</del>	<15 49	<49 110	<15 49	<49 <del>159</del>	300 <del>&lt;60</del>
W-8A	12/20/2022	0'-4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<14	<47	<14	<47	<60
₩-9	12/7/2022	0'-4'	<0.023 <0.024	<0.048	<0.048 <0.048	<0.099 <0.097	<0.10 <0.10	<4.8	59	170	59	229	110
W-9A	12/20/2022	0'-4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<46	<14	<46	390
W-10	12/7/2022	0'-4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<48	<14	<48	330
W-11	12/08/2022	0'-4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<13	<45	<13	<45	150
W-12	12/7/2022	0'-4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<49	<15	<49	350
W-13	12/7/2022	0'-4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<15	<49	<15	<49	330
W-14	12/7/2022	0'-4'	<0.024	<0.048	<0.048	< 0.097	<0.10	<4.8	<14	<47	<14	<47	320
W-15	12/7/2022	<del>0'-1'</del>	<del>&lt;0.024</del>	<0.049	<0.049	<0.097	<0.10	<del>&lt;4.9</del>	<del>27</del>	<del>82</del>	<del>27</del>	<del>109</del>	<del>560</del>
W-15A	12/20/2022	0'-1'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<46	<14	<46	<60
W-16	12/7/2022	0'-1'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<13	<43	<13	<43	<60
<del>W-17</del>	12/7/2022	<del>0'-1'</del>	<0.025	<0.049	< <del>0.049</del>	<0.098	<del>&lt;0.10</del>	<del>&lt;4.9</del>	<del>73</del>	<del>150</del>	<del>73</del>	<del>223</del>	<del>&lt;60</del>
W-17A	12/20/2022	0'-1'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<14	<46	<14	<46	<60
<del>10-1</del>	12/08/2022	4'-10'	<del>&lt;0.025</del>	<del>&lt;0.049</del>	<del>&lt;0.049</del>	<del>&lt;0.098</del>	<0.10	<del>&lt;4.9</del>	1,500	1,100	<del>1,500</del>	<del>2,700</del>	5,900
10-1W	12/20/2022	4-10 4'-15'	<0.025	<0.049	<0.049	<0.098	<del>&lt;0.10</del> <0.10	<4.9 <4.0	+, <del>300</del> ≥15	+,100 ∠40	-1, <del>300</del>	<del>2,700</del> ∠40	2,600
10-1W	12/20/2022	4'-10'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<14	<46	<14	<46	8,700
10-12	12/08/2022	4'-10'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	250	370	250	620	9,200
10-3	12/08/2022	4'-10'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	260	220	260	480	8,000
10-4	12/08/2022	4'-10'	<0.024	<0.049	<0.049	<0.098	<0.10	<del>&lt;4.9</del>	990	830	990	1,820	8,900
10-4E1	12/20/2022	4'-15'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<13	<45	<13	<45	3,300
10-4E2	12/20/2022	4'-15'	< 0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<14	<45	<14	<45	3,000
10-4E3	12/20/2022	4'-11'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<15	<49	<15	<49	3,200
<u> </u>													
19.15.29.12 NMAC Table 1 Impacted by a Rel			10		-		50		_		1,000	2,500	20,000
19.15.29.13 NMAC R (0'-4' Soil		teria	10 <sup>3</sup>	_	_		50 <sup>3</sup>	-			-	100 <sup>3</sup>	600

Notes

<sup>1.</sup> Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

<sup>2.</sup> Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

<sup>3.</sup> Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

<sup>4.</sup> Strikethrough indicates sample area has been over-excavated and an additional sample(s) have been collected from the area.



PHOTOGRAPH NO. 1 – A view of the Site during the soil removal process. The view is towards the southwest.

(Approximate GPS Coordinates: 32.689545, -104.499215)



PHOTOGRAPH NO. 2 – An additional view of the site during the soil removal process. The view is towards the east.

(Approximate GPS Coordinates: 32.689615, -104.499588)



PHOTOGRAPH NO. 3 – A view of the excavation area at the Site. The view is towards the northwest.

(Approximate GPS Coordinates: 32.689477, -104.499078)



PHOTOGRAPH NO. 4 – An additional view of the excavation area at the Site. The view is towards the east.

(Approximate GPS Coordinates: 32.689387, -104.499505)



PHOTOGRAPH NO. 5 - A view of the excavation area completed to a maximum depth of approximately 15 feet bgs. The view is towards the northwest.

(Approximate GPS Coordinates: 32.689601, -104.499397)

ATTACHMENT 2 - LABORATORY ANALYTICAL REPORTS



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

December 19, 2022

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Nicholas BJ Battery OrderNo.: 2212574

## Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 45 sample(s) on 12/9/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order **2212574**Date Reported: **12/19/2022** 

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-1

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:30:00 PM

 Lab ID:
 2212574-001
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	ND	60	mg/Kg	20	12/12/2022 2:38:26 PM 72014
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 2:50:39 PM 71996
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/12/2022 2:50:39 PM 71996
Surr: DNOP	121	21-129	%Rec	1	12/12/2022 2:50:39 PM 71996
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/12/2022 10:07:07 PM 71979
Surr: BFB	85.3	37.7-212	%Rec	1	12/12/2022 10:07:07 PM 71979
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	12/12/2022 10:07:07 PM 71979
Toluene	ND	0.048	mg/Kg	1	12/12/2022 10:07:07 PM 71979
Ethylbenzene	ND	0.048	mg/Kg	1	12/12/2022 10:07:07 PM 71979
Xylenes, Total	ND	0.096	mg/Kg	1	12/12/2022 10:07:07 PM 71979
Surr: 4-Bromofluorobenzene	85.8	70-130	%Rec	1	12/12/2022 10:07:07 PM 71979

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range RL Reporting Limit

Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-2

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:32:00 PM

 Lab ID:
 2212574-002
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JTT
Chloride	ND	60		mg/Kg	20	12/12/2022 2:50:50 PM	72014
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/12/2022 3:33:33 PM	71996
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/12/2022 3:33:33 PM	71996
Surr: DNOP	136	21-129	S	%Rec	1	12/12/2022 3:33:33 PM	71996
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/12/2022 10:30:28 PM	1 71979
Surr: BFB	89.5	37.7-212		%Rec	1	12/12/2022 10:30:28 PM	1 71979
EPA METHOD 8021B: VOLATILES						Analyst	: RAA
Benzene	ND	0.025		mg/Kg	1	12/12/2022 10:30:28 PM	1 71979
Toluene	ND	0.050		mg/Kg	1	12/12/2022 10:30:28 PM	1 71979
Ethylbenzene	ND	0.050		mg/Kg	1	12/12/2022 10:30:28 PM	1 71979
Xylenes, Total	ND	0.099		mg/Kg	1	12/12/2022 10:30:28 PM	1 71979
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	12/12/2022 10:30:28 PM	1 71979

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
- 8 % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-3

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:34:00 PM

 Lab ID:
 2212574-003
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JTT
Chloride	ND	60		mg/Kg	20	12/12/2022 3:03:14 PM	72014
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/12/2022 3:44:19 PM	71996
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/12/2022 3:44:19 PM	71996
Surr: DNOP	140	21-129	S	%Rec	1	12/12/2022 3:44:19 PM	71996
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/12/2022 10:53:49 PM	1 71979
Surr: BFB	84.9	37.7-212		%Rec	1	12/12/2022 10:53:49 PM	1 71979
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.025		mg/Kg	1	12/12/2022 10:53:49 PM	1 71979
Toluene	ND	0.049		mg/Kg	1	12/12/2022 10:53:49 PM	1 71979
Ethylbenzene	ND	0.049		mg/Kg	1	12/12/2022 10:53:49 PM	1 71979
Xylenes, Total	ND	0.099		mg/Kg	1	12/12/2022 10:53:49 PM	1 71979
Surr: 4-Bromofluorobenzene	84.8	70-130		%Rec	1	12/12/2022 10:53:49 PM	1 71979

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

8 % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-4

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:36:00 PM

 Lab ID:
 2212574-004
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS						Analyst: <b>JT</b>	ГТ
Chloride	ND	61		mg/Kg	20	12/12/2022 3:15:39 PM 72	2014
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: DG	GH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/12/2022 3:55:02 PM 719	1996
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/12/2022 3:55:02 PM 71	1996
Surr: DNOP	133	21-129	S	%Rec	1	12/12/2022 3:55:02 PM 719	1996
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RA	AA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/12/2022 11:17:07 PM 71:	1979
Surr: BFB	88.3	37.7-212		%Rec	1	12/12/2022 11:17:07 PM 71:	1979
EPA METHOD 8021B: VOLATILES						Analyst: RA	AA
Benzene	ND	0.025		mg/Kg	1	12/12/2022 11:17:07 PM 71:	1979
Toluene	ND	0.050		mg/Kg	1	12/12/2022 11:17:07 PM 71:	1979
Ethylbenzene	ND	0.050		mg/Kg	1	12/12/2022 11:17:07 PM 71:	1979
Xylenes, Total	ND	0.10		mg/Kg	1	12/12/2022 11:17:07 PM 71:	1979
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	12/12/2022 11:17:07 PM 71	1979

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

8 % Recovery outside of standard limits. If undiluted results may be estimated.

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

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# **Analytical Report**Lab Order **2212574**

Date Reported: 12/19/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-5

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:38:00 PM

 Lab ID:
 2212574-005
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	180	60	mg/Kg	20	12/12/2022 3:28:03 PM 72014
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/12/2022 4:05:46 PM 71996
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/12/2022 4:05:46 PM 71996
Surr: DNOP	127	21-129	%Rec	1	12/12/2022 4:05:46 PM 71996
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 11:40:27 PM 71979
Surr: BFB	87.0	37.7-212	%Rec	1	12/12/2022 11:40:27 PM 71979
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	12/12/2022 11:40:27 PM 71979
Toluene	ND	0.049	mg/Kg	1	12/12/2022 11:40:27 PM 71979
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 11:40:27 PM 71979
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 11:40:27 PM 71979
Surr: 4-Bromofluorobenzene	86.9	70-130	%Rec	1	12/12/2022 11:40:27 PM 71979

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2212574**Date Reported: **12/19/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-6

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:40:00 PM

 Lab ID:
 2212574-006
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

**Analyses** Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: JTT ND 12/12/2022 3:40:28 PM 72014 Chloride 61 mg/Kg Analyst: DGH **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Diesel Range Organics (DRO) ND 12/12/2022 4:16:29 PM 71996 15 mg/Kg Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 12/12/2022 4:16:29 PM 71996 Surr: DNOP 127 21-129 %Rec 12/12/2022 4:16:29 PM 71996 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 4.9 mg/Kg 12/13/2022 12:03:45 AM 71979 Surr: BFB 12/13/2022 12:03:45 AM 71979 85.4 37.7-212 %Rec 1 **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 12/13/2022 12:03:45 AM 71979 Toluene ND 0.049 mg/Kg 12/13/2022 12:03:45 AM 71979 1 Ethylbenzene ND 0.049 12/13/2022 12:03:45 AM 71979 mg/Kg 1 Xylenes, Total ND 0.099 mg/Kg 1 12/13/2022 12:03:45 AM 71979 Surr: 4-Bromofluorobenzene 85.3 70-130 %Rec 12/13/2022 12:03:45 AM 71979

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

D Not Detected at the Reporting Limit

QL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-7

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:42:00 PM

 Lab ID:
 2212574-007
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	1200	60	mg/Kg	20	12/12/2022 3:52:52 PM 72014
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/12/2022 4:27:10 PM 71996
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/12/2022 4:27:10 PM 71996
Surr: DNOP	125	21-129	%Rec	1	12/12/2022 4:27:10 PM 71996
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2022 12:26:59 AM 71979
Surr: BFB	87.4	37.7-212	%Rec	1	12/13/2022 12:26:59 AM 71979
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	12/13/2022 12:26:59 AM 71979
Toluene	ND	0.048	mg/Kg	1	12/13/2022 12:26:59 AM 71979
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2022 12:26:59 AM 71979
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 12:26:59 AM 71979
Surr: 4-Bromofluorobenzene	87.6	70-130	%Rec	1	12/13/2022 12:26:59 AM 71979

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-8

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 1:44:00 PM

**Lab ID:** 2212574-008 **Matrix:** SOIL **Received Date:** 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	1400	60	mg/Kg	20	12/12/2022 4:05:17 PM 72014
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 4:37:49 PM 71996
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2022 4:37:49 PM 71996
Surr: DNOP	127	21-129	%Rec	1	12/12/2022 4:37:49 PM 71996
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 12:50:17 AM 71979
Surr: BFB	89.6	37.7-212	%Rec	1	12/13/2022 12:50:17 AM 71979
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	12/13/2022 12:50:17 AM 71979
Toluene	ND	0.049	mg/Kg	1	12/13/2022 12:50:17 AM 71979
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 12:50:17 AM 71979
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 12:50:17 AM 71979
Surr: 4-Bromofluorobenzene	89.2	70-130	%Rec	1	12/13/2022 12:50:17 AM 71979

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
- 8 % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

### **Analytical Report**

Lab Order **2212574** 

Date Reported: 12/19/2022

12/13/2022 1:13:32 AM 71979

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-9

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:46:00 PM

 Lab ID:
 2212574-009
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

**Analyses** Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: JTT ND 12/12/2022 4:17:42 PM 72014 Chloride 60 mg/Kg Analyst: DGH **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Diesel Range Organics (DRO) ND 14 mg/Kg 12/12/2022 4:48:28 PM 71996 Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 12/12/2022 4:48:28 PM 71996 Surr: DNOP 120 21-129 %Rec 12/12/2022 4:48:28 PM 71996 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 5.0 mg/Kg 12/13/2022 1:13:32 AM 71979 Surr: BFB 83.0 37.7-212 %Rec 1 12/13/2022 1:13:32 AM 71979 **EPA METHOD 8021B: VOLATILES** Analyst: RAA

0.025

0.050

0.050

0.099

70-130

ND

ND

ND

ND

82.8

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## Analytical Report Lab Order 2212574

Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-10

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:48:00 PM

 Lab ID:
 2212574-010
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

**Analyses** Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 12/12/2022 4:30:06 PM 72015 680 60 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 12/12/2022 4:59:09 PM 15 mg/Kg 71996 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 12/12/2022 4:59:09 PM 71996 Surr: DNOP 123 21-129 %Rec 12/12/2022 4:59:09 PM 71996 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 5.0 mg/Kg 12/13/2022 1:36:45 AM 71979 Surr: BFB 88.2 37.7-212 %Rec 1 12/13/2022 1:36:45 AM 71979 **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 12/13/2022 1:36:45 AM 71979 Toluene ND mg/Kg 12/13/2022 1:36:45 AM 71979 0.050 1 Ethylbenzene ND 0.050 12/13/2022 1:36:45 AM 71979 mg/Kg 1 Xylenes, Total ND 0.099 mg/Kg 1 12/13/2022 1:36:45 AM 71979 Surr: 4-Bromofluorobenzene 87.8 70-130 %Rec 12/13/2022 1:36:45 AM 71979

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 standard limits. If undiluted results may be estimated.

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

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Lab Order **2212574** 

### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/19/2022

CLIENT: EOG Client Sample ID: B-11

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:50:00 PM

 Lab ID:
 2212574-011
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed B	Batch
EPA METHOD 300.0: ANIONS						Analyst: <b>J</b>	JTT
Chloride	65	60		mg/Kg	20	12/12/2022 5:32:09 PM 7	72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst: D	OGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/12/2022 5:09:47 PM 7	71996
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/12/2022 5:09:47 PM 7	71996
Surr: DNOP	133	21-129	S	%Rec	1	12/12/2022 5:09:47 PM 7	71996
EPA METHOD 8015D: GASOLINE RANGE						Analyst: R	RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/13/2022 2:23:12 AM 7	71979
Surr: BFB	86.8	37.7-212		%Rec	1	12/13/2022 2:23:12 AM 7	71979
EPA METHOD 8021B: VOLATILES						Analyst: R	₹АА
Benzene	ND	0.024		mg/Kg	1	12/13/2022 2:23:12 AM 7	71979
Toluene	ND	0.048		mg/Kg	1	12/13/2022 2:23:12 AM 7	71979
Ethylbenzene	ND	0.048		mg/Kg	1	12/13/2022 2:23:12 AM 7	71979
Xylenes, Total	ND	0.097		mg/Kg	1	12/13/2022 2:23:12 AM 7	71979
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	12/13/2022 2:23:12 AM 7	71979

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-12

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 1:52:00 PM Lab ID: 2212574-012 Matrix: SOIL Received Date: 12/9/2022 7:55:00 AM

**Analyses** Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 12/12/2022 6:09:22 PM 72015 1600 60 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 12/12/2022 5:20:21 PM 71996 15 mg/Kg Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 12/12/2022 5:20:21 PM 71996 Surr: DNOP 119 21-129 %Rec 12/12/2022 5:20:21 PM 71996 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 5.0 mg/Kg 12/13/2022 2:46:28 AM 71979 Surr: BFB 83.6 37.7-212 %Rec 1 12/13/2022 2:46:28 AM 71979 **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 12/13/2022 2:46:28 AM Toluene ND mg/Kg 0.050 1 12/13/2022 2:46:28 AM 71979 Ethylbenzene ND 0.050 12/13/2022 2:46:28 AM 71979 mg/Kg 1 Xylenes, Total ND 0.099 mg/Kg 1 12/13/2022 2:46:28 AM 71979 Surr: 4-Bromofluorobenzene 83.3 70-130 %Rec 12/13/2022 2:46:28 AM 71979

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

Not Detected at the Reporting Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 12 of 52

### **Analytical Report**

Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-13

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 1:54:00 PM

**Lab ID:** 2212574-013 **Matrix:** SOIL **Received Date:** 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	150	60	mg/Kg	20	12/12/2022 6:21:46 PM 72015
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/12/2022 6:02:31 PM 71995
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/12/2022 6:02:31 PM 71995
Surr: DNOP	117	21-129	%Rec	1	12/12/2022 6:02:31 PM 71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 12:48:00 PM 71991
Surr: BFB	99.5	37.7-212	%Rec	1	12/12/2022 12:48:00 PM 71991
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/12/2022 12:48:00 PM 71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 12:48:00 PM 71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 12:48:00 PM 71991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 12:48:00 PM 71991
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	12/12/2022 12:48:00 PM 71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-14

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:56:00 PM

 Lab ID:
 2212574-014
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	920	60	mg/Kg	20	12/12/2022 6:34:11 PM	72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 6:33:50 PM	71995
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/12/2022 6:33:50 PM	71995
Surr: DNOP	117	21-129	%Rec	1	12/12/2022 6:33:50 PM	71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 1:47:00 PM	71991
Surr: BFB	96.1	37.7-212	%Rec	1	12/12/2022 1:47:00 PM	71991
EPA METHOD 8021B: VOLATILES					Analyst:	CCM
Benzene	ND	0.025	mg/Kg	1	12/12/2022 1:47:00 PM	71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 1:47:00 PM	71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 1:47:00 PM	71991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 1:47:00 PM	71991
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	12/12/2022 1:47:00 PM	71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-15

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 1:58:00 PM

 Lab ID:
 2212574-015
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	600	60	mg/Kg	20	12/12/2022 6:46:36 PM	72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/12/2022 6:44:12 PM	71995
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/12/2022 6:44:12 PM	71995
Surr: DNOP	118	21-129	%Rec	1	12/12/2022 6:44:12 PM	71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/12/2022 2:46:00 PM	71991
Surr: BFB	95.5	37.7-212	%Rec	1	12/12/2022 2:46:00 PM	71991
EPA METHOD 8021B: VOLATILES					Analyst:	CCM
Benzene	ND	0.024	mg/Kg	1	12/12/2022 2:46:00 PM	71991
Toluene	ND	0.048	mg/Kg	1	12/12/2022 2:46:00 PM	71991
Ethylbenzene	ND	0.048	mg/Kg	1	12/12/2022 2:46:00 PM	71991
Xylenes, Total	ND	0.097	mg/Kg	1	12/12/2022 2:46:00 PM	71991
Surr: 4-Bromofluorobenzene	97.0	70-130	%Rec	1	12/12/2022 2:46:00 PM	71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-16

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 2:00:00 PM Lab ID: 2212574-016 Matrix: SOIL Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: <b>JT</b>	TT
Chloride	270	60	mg/Kg	20	12/12/2022 6:59:00 PM 72	2015
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: Do	GH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 6:54:38 PM 71	1995
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/12/2022 6:54:38 PM 71	1995
Surr: DNOP	121	21-129	%Rec	1	12/12/2022 6:54:38 PM 71	1995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: Co	СМ
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/12/2022 3:06:00 PM 71	1991
Surr: BFB	90.6	37.7-212	%Rec	1	12/12/2022 3:06:00 PM 71	1991
EPA METHOD 8021B: VOLATILES					Analyst: Co	СМ
Benzene	ND	0.025	mg/Kg	1	12/12/2022 3:06:00 PM 71	1991
Toluene	ND	0.050	mg/Kg	1	12/12/2022 3:06:00 PM 71	1991
Ethylbenzene	ND	0.050	mg/Kg	1	12/12/2022 3:06:00 PM 71	1991
Xylenes, Total	ND	0.10	mg/Kg	1	12/12/2022 3:06:00 PM 71	1991
Surr: 4-Bromofluorobenzene	93.3	70-130	%Rec	1	12/12/2022 3:06:00 PM 71	1991

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 16 of 52

Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-17

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:02:00 PM

 Lab ID:
 2212574-017
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	280	60	mg/Kg	20	12/12/2022 7:36:12 PM 72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 7:05:02 PM 71995
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2022 7:05:02 PM 71995
Surr: DNOP	124	21-129	%Rec	1	12/12/2022 7:05:02 PM 71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 3:25:00 PM 71991
Surr: BFB	97.0	37.7-212	%Rec	1	12/12/2022 3:25:00 PM 71991
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/12/2022 3:25:00 PM 71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 3:25:00 PM 71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 3:25:00 PM 71991
Xylenes, Total	ND	0.097	mg/Kg	1	12/12/2022 3:25:00 PM 71991
Surr: 4-Bromofluorobenzene	99.2	70-130	%Rec	1	12/12/2022 3:25:00 PM 71991

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-18

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:04:00 PM

 Lab ID:
 2212574-018
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	660	60	mg/Kg	20	12/12/2022 7:48:36 PM 72015
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 7:15:28 PM 71995
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2022 7:15:28 PM 71995
Surr: DNOP	124	21-129	%Rec	1	12/12/2022 7:15:28 PM 71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 3:45:00 PM 71991
Surr: BFB	98.5	37.7-212	%Rec	1	12/12/2022 3:45:00 PM 71991
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/12/2022 3:45:00 PM 71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 3:45:00 PM 71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 3:45:00 PM 71991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 3:45:00 PM 71991
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	12/12/2022 3:45:00 PM 71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-19

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:06:00 PM

 Lab ID:
 2212574-019
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: <b>JT</b>	т
Chloride	200	60	mg/Kg	20	12/12/2022 8:01:00 PM 720	015
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: <b>DG</b>	϶H
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 7:25:57 PM 719	995
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/12/2022 7:25:57 PM 719	995
Surr: DNOP	124	21-129	%Rec	1	12/12/2022 7:25:57 PM 719	995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CC	CM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 4:05:00 PM 719	991
Surr: BFB	97.8	37.7-212	%Rec	1	12/12/2022 4:05:00 PM 719	991
EPA METHOD 8021B: VOLATILES					Analyst: CC	M
Benzene	ND	0.024	mg/Kg	1	12/12/2022 4:05:00 PM 719	991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 4:05:00 PM 719	991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 4:05:00 PM 719	991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 4:05:00 PM 719	991
Surr: 4-Bromofluorobenzene	99.8	70-130	%Rec	1	12/12/2022 4:05:00 PM 719	991

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-20

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:08:00 PM

 Lab ID:
 2212574-020
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	5300	300	mg/Kg	100	12/13/2022 9:08:02 AM	72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 7:36:22 PM	71995
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/12/2022 7:36:22 PM	71995
Surr: DNOP	125	21-129	%Rec	1	12/12/2022 7:36:22 PM	71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 4:24:00 PM	71991
Surr: BFB	93.9	37.7-212	%Rec	1	12/12/2022 4:24:00 PM	71991
EPA METHOD 8021B: VOLATILES					Analyst:	CCM
Benzene	ND	0.025	mg/Kg	1	12/12/2022 4:24:00 PM	71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 4:24:00 PM	71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 4:24:00 PM	71991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 4:24:00 PM	71991
Surr: 4-Bromofluorobenzene	95.7	70-130	%Rec	1	12/12/2022 4:24:00 PM	71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-21

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:10:00 PM

 Lab ID:
 2212574-021
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL (	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: <b>J</b> 1	TT
Chloride	230	60	mg/Kg	20	12/12/2022 8:25:50 PM 72	2015
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>D</b> o	GH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 7:57:20 PM 71	1995
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/12/2022 7:57:20 PM 71	1995
Surr: DNOP	122	21-129	%Rec	1	12/12/2022 7:57:20 PM 71	1995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: C	СМ
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 4:44:00 PM 71	1991
Surr: BFB	99.0	37.7-212	%Rec	1	12/12/2022 4:44:00 PM 71	1991
EPA METHOD 8021B: VOLATILES					Analyst: Co	СМ
Benzene	ND	0.024	mg/Kg	1	12/12/2022 4:44:00 PM 71	1991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 4:44:00 PM 71	1991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 4:44:00 PM 71	1991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 4:44:00 PM 71	1991
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	12/12/2022 4:44:00 PM 71	1991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2212574 Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-22

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 2:12:00 PM Lab ID: 2212574-022 Matrix: SOIL Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batc	:h
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>	
Chloride	810	60	mg/Kg	20	12/12/2022 8:38:14 PM 7201	5
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>	1
Diesel Range Organics (DRO)	60	15	mg/Kg	1	12/12/2022 8:07:54 PM 7199	)5
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/12/2022 8:07:54 PM 7199	)5
Surr: DNOP	116	21-129	%Rec	1	12/12/2022 8:07:54 PM 7199	15
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	Λ
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 5:04:00 PM 7199	)1
Surr: BFB	97.4	37.7-212	%Rec	1	12/12/2022 5:04:00 PM 7199	1
EPA METHOD 8021B: VOLATILES					Analyst: CCN	Λ
Benzene	ND	0.025	mg/Kg	1	12/12/2022 5:04:00 PM 7199	)1
Toluene	ND	0.049	mg/Kg	1	12/12/2022 5:04:00 PM 7199	)1
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 5:04:00 PM 7199	)1
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 5:04:00 PM 7199	1
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	12/12/2022 5:04:00 PM 7199	1

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-23

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:14:00 PM

 Lab ID:
 2212574-023
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	3800	150	mg/Kg	50	12/13/2022 9:20:26 AM	72015
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 8:18:29 PM	71995
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2022 8:18:29 PM	71995
Surr: DNOP	116	21-129	%Rec	1	12/12/2022 8:18:29 PM	71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 5:43:00 PM	71991
Surr: BFB	93.5	37.7-212	%Rec	1	12/12/2022 5:43:00 PM	71991
EPA METHOD 8021B: VOLATILES					Analyst:	CCM
Benzene	ND	0.025	mg/Kg	1	12/12/2022 5:43:00 PM	71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 5:43:00 PM	71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 5:43:00 PM	71991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 5:43:00 PM	71991
Surr: 4-Bromofluorobenzene	98.4	70-130	%Rec	1	12/12/2022 5:43:00 PM	71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-24

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:16:00 PM

 Lab ID:
 2212574-024
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	1600	59	mg/Kg	20	12/12/2022 9:03:03 PM 72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 8:29:08 PM 71995
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2022 8:29:08 PM 71995
Surr: DNOP	118	21-129	%Rec	1	12/12/2022 8:29:08 PM 71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 6:03:00 PM 71991
Surr: BFB	93.5	37.7-212	%Rec	1	12/12/2022 6:03:00 PM 71991
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.025	mg/Kg	1	12/12/2022 6:03:00 PM 71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 6:03:00 PM 71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 6:03:00 PM 71991
Xylenes, Total	ND	0.099	mg/Kg	1	12/12/2022 6:03:00 PM 71991
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	12/12/2022 6:03:00 PM 71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-25

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 2:18:00 PM

**Lab ID:** 2212574-025 **Matrix:** SOIL **Received Date:** 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batc	:h
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>	
Chloride	2100	60	mg/Kg	20	12/12/2022 9:15:27 PM 7201	5
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGF</b>	4
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 8:39:46 PM 7199	<del>)</del> 5
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/12/2022 8:39:46 PM 7199	<b>)</b> 5
Surr: DNOP	124	21-129	%Rec	1	12/12/2022 8:39:46 PM 7199	<del>)</del> 5
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	Л
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 6:22:00 PM 7199	<del>)</del> 1
Surr: BFB	96.3	37.7-212	%Rec	1	12/12/2022 6:22:00 PM 7199	<del>)</del> 1
EPA METHOD 8021B: VOLATILES					Analyst: CCN	Л
Benzene	ND	0.025	mg/Kg	1	12/12/2022 6:22:00 PM 7199	<del>)</del> 1
Toluene	ND	0.049	mg/Kg	1	12/12/2022 6:22:00 PM 7199	}1
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 6:22:00 PM 7199	}1
Xylenes, Total	ND	0.099	mg/Kg	1	12/12/2022 6:22:00 PM 7199	}1
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	12/12/2022 6:22:00 PM 7199	<del>)</del> 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-26

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:20:00 PM

 Lab ID:
 2212574-026
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	1000	60	mg/Kg	20	12/12/2022 9:27:52 PM 72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 8:50:26 PM 71995
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2022 8:50:26 PM 71995
Surr: DNOP	117	21-129	%Rec	1	12/12/2022 8:50:26 PM 71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 6:42:00 PM 71991
Surr: BFB	99.7	37.7-212	%Rec	1	12/12/2022 6:42:00 PM 71991
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/12/2022 6:42:00 PM 71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 6:42:00 PM 71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 6:42:00 PM 71991
Xylenes, Total	ND	0.098	mg/Kg	1	12/12/2022 6:42:00 PM 71991
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	12/12/2022 6:42:00 PM 71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-27

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:22:00 PM

 Lab ID:
 2212574-027
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS						Analyst: <b>J</b> 1	TT
Chloride	1400	60		mg/Kg	20	12/12/2022 10:05:04 PM 72	2015
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: <b>D</b> o	GH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/12/2022 9:01:08 PM 71	1995
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/12/2022 9:01:08 PM 71	1995
Surr: DNOP	130	21-129	S	%Rec	1	12/12/2022 9:01:08 PM 71	1995
EPA METHOD 8015D: GASOLINE RANGE						Analyst: Co	СМ
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/12/2022 7:02:00 PM 71	1991
Surr: BFB	91.1	37.7-212		%Rec	1	12/12/2022 7:02:00 PM 71	1991
EPA METHOD 8021B: VOLATILES						Analyst: Co	СМ
Benzene	ND	0.025		mg/Kg	1	12/12/2022 7:02:00 PM 71	1991
Toluene	ND	0.049		mg/Kg	1	12/12/2022 7:02:00 PM 71	1991
Ethylbenzene	ND	0.049		mg/Kg	1	12/12/2022 7:02:00 PM 71	1991
Xylenes, Total	ND	0.099		mg/Kg	1	12/12/2022 7:02:00 PM 71	1991
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	12/12/2022 7:02:00 PM 71	1991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-28

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:24:00 PM

 Lab ID:
 2212574-028
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	830	60	mg/Kg	20	12/12/2022 10:17:28 PM	72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 9:11:59 PM	71995
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/12/2022 9:11:59 PM	71995
Surr: DNOP	116	21-129	%Rec	1	12/12/2022 9:11:59 PM	71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/12/2022 7:21:00 PM	71991
Surr: BFB	100	37.7-212	%Rec	1	12/12/2022 7:21:00 PM	71991
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	12/12/2022 7:21:00 PM	71991
Toluene	ND	0.050	mg/Kg	1	12/12/2022 7:21:00 PM	71991
Ethylbenzene	ND	0.050	mg/Kg	1	12/12/2022 7:21:00 PM	71991
Xylenes, Total	ND	0.10	mg/Kg	1	12/12/2022 7:21:00 PM	71991
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	12/12/2022 7:21:00 PM	71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-29

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:26:00 PM

 Lab ID:
 2212574-029
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JTT
Chloride	3600	150		mg/Kg	50	12/13/2022 9:32:51 AM	72015
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: DGH
Diesel Range Organics (DRO)	1900	150		mg/Kg	10	12/12/2022 9:22:52 PM	71995
Motor Oil Range Organics (MRO)	1800	490		mg/Kg	10	12/12/2022 9:22:52 PM	71995
Surr: DNOP	0	21-129	S	%Rec	10	12/12/2022 9:22:52 PM	71995
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: CCM
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	12/12/2022 7:41:00 PM	71991
Surr: BFB	99.7	37.7-212		%Rec	5	12/12/2022 7:41:00 PM	71991
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.12		mg/Kg	5	12/12/2022 7:41:00 PM	71991
Toluene	ND	0.25		mg/Kg	5	12/12/2022 7:41:00 PM	71991
Ethylbenzene	ND	0.25		mg/Kg	5	12/12/2022 7:41:00 PM	71991
Xylenes, Total	ND	0.50		mg/Kg	5	12/12/2022 7:41:00 PM	71991
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5	12/12/2022 7:41:00 PM	71991

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-1

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:27:00 PM

 Lab ID:
 2212574-030
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	NAI
Chloride	110	60		mg/Kg	20	12/12/2022 11:51:42 AM	72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/12/2022 9:44:13 PM	71995
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/12/2022 9:44:13 PM	71995
Surr: DNOP	132	21-129	S	%Rec	1	12/12/2022 9:44:13 PM	71995
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/12/2022 8:01:00 PM	71991
Surr: BFB	96.1	37.7-212		%Rec	1	12/12/2022 8:01:00 PM	71991
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.024		mg/Kg	1	12/12/2022 8:01:00 PM	71991
Toluene	ND	0.048		mg/Kg	1	12/12/2022 8:01:00 PM	71991
Ethylbenzene	ND	0.048		mg/Kg	1	12/12/2022 8:01:00 PM	71991
Xylenes, Total	ND	0.097		mg/Kg	1	12/12/2022 8:01:00 PM	71991
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	12/12/2022 8:01:00 PM	71991

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 2212574 Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: W-2

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 2:28:00 PM Lab ID: 2212574-031 Matrix: SOIL Received Date: 12/9/2022 7:55:00 AM

**Analyses** Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride ND 12/12/2022 12:28:44 PM 72016 60 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 12/12/2022 9:55:01 PM 71995 15 mg/Kg Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 12/12/2022 9:55:01 PM 71995 Surr: DNOP 118 21-129 %Rec 12/12/2022 9:55:01 PM 71995 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 5.0 mg/Kg 12/12/2022 8:20:00 PM 71991 Surr: BFB 98.2 37.7-212 %Rec 1 12/12/2022 8:20:00 PM 71991 **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 0.025 mg/Kg 12/12/2022 8:20:00 PM 71991 Toluene ND 0.050 mg/Kg 12/12/2022 8:20:00 PM 1 71991 Ethylbenzene ND 0.050 12/12/2022 8:20:00 PM 71991 mg/Kg 1 Xylenes, Total ND 0.10 mg/Kg 1 12/12/2022 8:20:00 PM 71991 Surr: 4-Bromofluorobenzene 100 70-130 %Rec 12/12/2022 8:20:00 PM 71991

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

Not Detected at the Reporting Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 31 of 52

Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-3

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:30:00 PM

 Lab ID:
 2212574-032
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	12/12/2022 1:30:27 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/12/2022 10:05:50 PM	1 71995
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2022 10:05:50 PM	1 71995
Surr: DNOP	106	21-129	%Rec	1	12/12/2022 10:05:50 PM	1 71995
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 8:40:00 PM	71991
Surr: BFB	94.4	37.7-212	%Rec	1	12/12/2022 8:40:00 PM	71991
EPA METHOD 8021B: VOLATILES					Analyst	: CCM
Benzene	ND	0.024	mg/Kg	1	12/12/2022 8:40:00 PM	71991
Toluene	ND	0.049	mg/Kg	1	12/12/2022 8:40:00 PM	71991
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 8:40:00 PM	71991
Xylenes, Total	ND	0.097	mg/Kg	1	12/12/2022 8:40:00 PM	71991
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	12/12/2022 8:40:00 PM	71991

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-4

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:34:00 PM

 Lab ID:
 2212574-033
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	840	60	mg/Kg	20	12/12/2022 1:42:47 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 10:05:06 AM	72024
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/13/2022 10:05:06 AM	72024
Surr: DNOP	107	21-129	%Rec	1	12/13/2022 10:05:06 AM	72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/12/2022 10:37:00 PM	71997
Surr: BFB	90.8	37.7-212	%Rec	1	12/12/2022 10:37:00 PM	71997
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.024	mg/Kg	1	12/12/2022 10:37:00 PM	71997
Toluene	ND	0.049	mg/Kg	1	12/12/2022 10:37:00 PM	71997
Ethylbenzene	ND	0.049	mg/Kg	1	12/12/2022 10:37:00 PM	71997
Xylenes, Total	ND	0.097	mg/Kg	1	12/12/2022 10:37:00 PM	71997
Surr: 4-Bromofluorobenzene	96.4	70-130	%Rec	1	12/12/2022 10:37:00 PM	71997

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2212574-034

**CLIENT: EOG** 

Lab ID:

## Analytical Report Lab Order 2212574

Received Date: 12/9/2022 7:55:00 AM

Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: W-5

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 2:36:00 PM

Matrix: SOIL

**Analyses** Result **RL Qual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: NAI 300 12/12/2022 1:55:08 PM 72016 Chloride 60 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 12/13/2022 10:36:43 AM 72024 ND 15 mg/Kg Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 12/13/2022 10:36:43 AM 72024 Surr: DNOP 126 21-129 %Rec 12/13/2022 10:36:43 AM 72024 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 4.9 mg/Kg 12/12/2022 11:36:00 PM 71997 Surr: BFB 95.8 37.7-212 %Rec 1 12/12/2022 11:36:00 PM 71997 **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 0.024 mg/Kg 12/12/2022 11:36:00 PM 71997 Toluene ND 0.049 mg/Kg 12/12/2022 11:36:00 PM 71997 1 Ethylbenzene ND 0.049 12/12/2022 11:36:00 PM 71997 mg/Kg 1 Xylenes, Total ND 0.098 mg/Kg 1 12/12/2022 11:36:00 PM 71997 Surr: 4-Bromofluorobenzene 96.5 70-130 %Rec 12/12/2022 11:36:00 PM 71997

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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# **Analytical Report**Lab Order **2212574**

Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: W-6

**Project:** Nicholas BJ Battery **Collection Date:** 12/7/2022 2:40:00 PM

**Lab ID:** 2212574-035 **Matrix:** SOIL **Received Date:** 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batc	ch
EPA METHOD 300.0: ANIONS					Analyst: <b>NAI</b>	
Chloride	260	60	mg/Kg	20	12/12/2022 2:07:29 PM 7201	16
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGF</b>	Н
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 1:39:17 PM 7202	24
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/13/2022 1:39:17 PM 7202	24
Surr: DNOP	118	21-129	%Rec	1	12/13/2022 1:39:17 PM 7202	24
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	٧I
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 12:35:00 AM 7199	<del>)</del> 7
Surr: BFB	91.9	37.7-212	%Rec	1	12/13/2022 12:35:00 AM 7199	<del>)</del> 7
EPA METHOD 8021B: VOLATILES					Analyst: CCN	٧I
Benzene	ND	0.025	mg/Kg	1	12/13/2022 12:35:00 AM 7199	<del>)</del> 7
Toluene	ND	0.049	mg/Kg	1	12/13/2022 12:35:00 AM 7199	<del>9</del> 7
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 12:35:00 AM 7199	<del>)</del> 7
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 12:35:00 AM 7199	<del>)</del> 7
Surr: 4-Bromofluorobenzene	95.7	70-130	%Rec	1	12/13/2022 12:35:00 AM 7199	<b>3</b> 7

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-7

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:44:00 PM

 Lab ID:
 2212574-036
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	300	60	mg/Kg	20	12/12/2022 2:19:50 PM 72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 2:00:54 PM 72024
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 2:00:54 PM 72024
Surr: DNOP	113	21-129	%Rec	1	12/13/2022 2:00:54 PM 72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 12:54:00 AM 71997
Surr: BFB	105	37.7-212	%Rec	1	12/13/2022 12:54:00 AM 71997
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.025	mg/Kg	1	12/13/2022 12:54:00 AM 71997
Toluene	ND	0.050	mg/Kg	1	12/13/2022 12:54:00 AM 71997
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 12:54:00 AM 71997
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 12:54:00 AM 71997
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	12/13/2022 12:54:00 AM 71997

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order **2212574**Date Reported: **12/19/2022** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-8

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:46:00 PM

 Lab ID:
 2212574-037
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	<b>Date Analyzed</b>	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	12/12/2022 2:32:10 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	49	15	mg/Kg	1	12/15/2022 8:55:32 AM	72024
Motor Oil Range Organics (MRO)	110	49	mg/Kg	1	12/15/2022 8:55:32 AM	72024
Surr: DNOP	119	21-129	%Rec	1	12/15/2022 8:55:32 AM	72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 1:14:00 AM	71997
Surr: BFB	92.4	37.7-212	%Rec	1	12/13/2022 1:14:00 AM	71997
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.024	mg/Kg	1	12/13/2022 1:14:00 AM	71997
Toluene	ND	0.049	mg/Kg	1	12/13/2022 1:14:00 AM	71997
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 1:14:00 AM	71997
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 1:14:00 AM	71997
Surr: 4-Bromofluorobenzene	96.8	70-130	%Rec	1	12/13/2022 1:14:00 AM	71997

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-9

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 2:50:00 PM

 Lab ID:
 2212574-038
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>NAI</b>
Chloride	110	60	mg/Kg	20	12/12/2022 2:44:31 PM 72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: DGH
Diesel Range Organics (DRO)	59	14	mg/Kg	1	12/13/2022 4:09:34 PM 72024
Motor Oil Range Organics (MRO)	170	47	mg/Kg	1	12/13/2022 4:09:34 PM 72024
Surr: DNOP	122	21-129	%Rec	1	12/13/2022 4:09:34 PM 72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2022 1:33:00 AM 71997
Surr: BFB	90.0	37.7-212	%Rec	1	12/13/2022 1:33:00 AM 71997
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/13/2022 1:33:00 AM 71997
Toluene	ND	0.048	mg/Kg	1	12/13/2022 1:33:00 AM 71997
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2022 1:33:00 AM 71997
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 1:33:00 AM 71997
Surr: 4-Bromofluorobenzene	94.3	70-130	%Rec	1	12/13/2022 1:33:00 AM 71997

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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# **Analytical Report**Lab Order **2212574**

Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: W-10

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 3:00:00 PM

 Lab ID:
 2212574-039
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	330	60	mg/Kg	20	12/12/2022 2:56:52 PM 72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 10:47:16 AM 72024
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/13/2022 10:47:16 AM 72024
Surr: DNOP	118	21-129	%Rec	1	12/13/2022 10:47:16 AM 72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 1:53:00 AM 71997
Surr: BFB	92.7	37.7-212	%Rec	1	12/13/2022 1:53:00 AM 71997
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.025	mg/Kg	1	12/13/2022 1:53:00 AM 71997
Toluene	ND	0.050	mg/Kg	1	12/13/2022 1:53:00 AM 71997
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 1:53:00 AM 71997
Xylenes, Total	ND	0.10	mg/Kg	1	12/13/2022 1:53:00 AM 71997
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	1	12/13/2022 1:53:00 AM 71997

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-12

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 3:10:00 PM

 Lab ID:
 2212574-040
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch	1
EPA METHOD 300.0: ANIONS					Analyst: NAI	
Chloride	350	60	mg/Kg	20	12/12/2022 3:33:55 PM 72016	;
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>	
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 10:57:50 AM 72024	Į.
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 10:57:50 AM 72024	ł
Surr: DNOP	124	21-129	%Rec	1	12/13/2022 10:57:50 AM 72024	ļ
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2022 2:12:00 AM 71997	7
Surr: BFB	93.6	37.7-212	%Rec	1	12/13/2022 2:12:00 AM 71997	7
EPA METHOD 8021B: VOLATILES					Analyst: CCM	
Benzene	ND	0.024	mg/Kg	1	12/13/2022 2:12:00 AM 71997	7
Toluene	ND	0.048	mg/Kg	1	12/13/2022 2:12:00 AM 71997	7
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2022 2:12:00 AM 71997	7
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 2:12:00 AM 71997	7
Surr: 4-Bromofluorobenzene	96.3	70-130	%Rec	1	12/13/2022 2:12:00 AM 71997	,

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-13

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 3:12:00 PM

 Lab ID:
 2212574-041
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	330	60	mg/Kg	20	12/12/2022 3:46:15 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 11:08:26 AM	1 72024
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 11:08:26 AM	1 72024
Surr: DNOP	97.0	21-129	%Rec	1	12/13/2022 11:08:26 AM	1 72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 2:32:00 AM	71997
Surr: BFB	98.5	37.7-212	%Rec	1	12/13/2022 2:32:00 AM	71997
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	12/13/2022 2:32:00 AM	71997
Toluene	ND	0.049	mg/Kg	1	12/13/2022 2:32:00 AM	71997
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 2:32:00 AM	71997
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 2:32:00 AM	71997
Surr: 4-Bromofluorobenzene	97.3	70-130	%Rec	1	12/13/2022 2:32:00 AM	71997

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-14

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 3:16:00 PM

 Lab ID:
 2212574-042
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	320	61	mg/Kg	20	12/12/2022 3:58:35 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 11:18:58 AM	1 72024
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/13/2022 11:18:58 AM	1 72024
Surr: DNOP	126	21-129	%Rec	1	12/13/2022 11:18:58 AM	1 72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2022 2:51:00 AM	71997
Surr: BFB	98.4	37.7-212	%Rec	1	12/13/2022 2:51:00 AM	71997
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.024	mg/Kg	1	12/13/2022 2:51:00 AM	71997
Toluene	ND	0.048	mg/Kg	1	12/13/2022 2:51:00 AM	71997
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2022 2:51:00 AM	71997
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 2:51:00 AM	71997
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	12/13/2022 2:51:00 AM	71997

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 standard limits. If undiluted results may be estimated.

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

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Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-15

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 3:20:00 PM

 Lab ID:
 2212574-043
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	560	60	mg/Kg	20	12/12/2022 4:10:56 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	DGH
Diesel Range Organics (DRO)	27	14	mg/Kg	1	12/13/2022 4:31:01 PM	72024
Motor Oil Range Organics (MRO)	82	47	mg/Kg	1	12/13/2022 4:31:01 PM	72024
Surr: DNOP	115	21-129	%Rec	1	12/13/2022 4:31:01 PM	72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 3:30:00 AM	71997
Surr: BFB	97.5	37.7-212	%Rec	1	12/13/2022 3:30:00 AM	71997
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.024	mg/Kg	1	12/13/2022 3:30:00 AM	71997
Toluene	ND	0.049	mg/Kg	1	12/13/2022 3:30:00 AM	71997
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 3:30:00 AM	71997
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 3:30:00 AM	71997
Surr: 4-Bromofluorobenzene	97.4	70-130	%Rec	1	12/13/2022 3:30:00 AM	71997

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-16

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 3:24:00 PM

 Lab ID:
 2212574-044
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	12/12/2022 4:23:17 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	12/15/2022 3:15:03 PM	72024
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	12/15/2022 3:15:03 PM	72024
Surr: DNOP	125	21-129	%Rec	1	12/15/2022 3:15:03 PM	72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 3:50:00 AM	71997
Surr: BFB	92.7	37.7-212	%Rec	1	12/13/2022 3:50:00 AM	71997
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.024	mg/Kg	1	12/13/2022 3:50:00 AM	71997
Toluene	ND	0.049	mg/Kg	1	12/13/2022 3:50:00 AM	71997
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 3:50:00 AM	71997
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 3:50:00 AM	71997
Surr: 4-Bromofluorobenzene	97.4	70-130	%Rec	1	12/13/2022 3:50:00 AM	71997

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/19/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-17

 Project:
 Nicholas BJ Battery
 Collection Date: 12/7/2022 3:28:00 PM

 Lab ID:
 2212574-045
 Matrix: SOIL
 Received Date: 12/9/2022 7:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	12/12/2022 4:35:38 PM	72016
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	73	15	mg/Kg	1	12/15/2022 3:38:51 PM	72024
Motor Oil Range Organics (MRO)	150	49	mg/Kg	1	12/15/2022 3:38:51 PM	72024
Surr: DNOP	107	21-129	%Rec	1	12/15/2022 3:38:51 PM	72024
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 4:09:00 AM	71997
Surr: BFB	92.2	37.7-212	%Rec	1	12/13/2022 4:09:00 AM	71997
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	12/13/2022 4:09:00 AM	71997
Toluene	ND	0.049	mg/Kg	1	12/13/2022 4:09:00 AM	71997
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 4:09:00 AM	71997
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 4:09:00 AM	71997
Surr: 4-Bromofluorobenzene	97.2	70-130	%Rec	1	12/13/2022 4:09:00 AM	71997

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

WO#: **2212574** 

19-Dec-22

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: MB-72016 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72016 RunNo: 93222

Prep Date: 12/12/2022 Analysis Date: 12/12/2022 SeqNo: 3359734 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-72016 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72016 RunNo: 93222

Prep Date: 12/12/2022 Analysis Date: 12/12/2022 SeqNo: 3359735 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 96.0 90 110

Sample ID: MB-72014 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72014 RunNo: 93223

Prep Date: 12/12/2022 Analysis Date: 12/12/2022 SeqNo: 3359784 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-72014 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72014 RunNo: 93223

Prep Date: 12/12/2022 Analysis Date: 12/12/2022 SeqNo: 3359786 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 97.7 90 110

Sample ID: LCS-72015 SampType: LCS TestCode: EPA Method 300.0; Anions

Client ID: LCSS Batch ID: 72015 RunNo: 93223

Prep Date: 12/12/2022 Analysis Date: 12/12/2022 SeqNo: 3359788 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.7 90 110

Sample ID: MB-72015 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72015 RunNo: 93223

Prep Date: 12/12/2022 Analysis Date: 12/12/2022 SeqNo: 3359789 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

#### 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

WO#: 2212574 19-Dec-22

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: LCS-71995	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	ID: <b>71</b> 9	995	F	RunNo: 9	3225				
Prep Date: 12/9/2022	Analysis Da	ate: 12	/12/2022	9	SeqNo: 3	360005	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	15	50.00	0	96.8	64.4	127			
Surr: DNOP	6.0		5.000		121	21	129			
Sample ID: LCS-71996	SampTy	ype: <b>LC</b>	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	Organics	
Client ID: LCSS	Batch	ID: <b>71</b> 9	996	F	RunNo: 9	3225				
Prep Date: 12/9/2022	Analysis Da	ate: 12	/12/2022	9	SeqNo: 3	360006	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	15	50.00	0	95.9	64.4	127			
Surr: DNOP	6.2		5.000		124	21	129			
Sample ID: <b>MB-71995</b>	SampTy	ype: <b>ME</b>	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	Organics	
Sample ID: MB-71995 Client ID: PBS		ype: <b>ME</b> ID: <b>71</b> 9			tCode: <b>El</b> RunNo: <b>9</b> ;		8015M/D: Die	esel Range	Organics	
,		ID: <b>71</b> 9	995	F		3225	8015M/D: Die	•	Organics	
Client ID: PBS	Batch	ID: <b>71</b> 9	995 1/12/2022	F	RunNo: 9: SeqNo: 3:	3225		•	Organics  RPDLimit	Qual
Client ID: PBS Prep Date: 12/9/2022 Analyte Diesel Range Organics (DRO)	Batch Analysis Da	ID: <b>71</b> 9 ate: <b>12</b>	995 1/12/2022	F	RunNo: 9: SeqNo: 3:	3225 360007	Units: mg/k	(g	•	Qual
Client ID: PBS Prep Date: 12/9/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch Analysis Da Result	ID: <b>71</b> 9 ate: <b>12</b> PQL	995 1/12/2022	F	RunNo: 9: SeqNo: 3:	3225 360007	Units: mg/k	(g	•	Qual
Client ID: PBS Prep Date: 12/9/2022 Analyte Diesel Range Organics (DRO)	Batch Analysis Da Result ND	ID: <b>71</b> 9 ate: <b>12</b> PQL 15	995 1/12/2022	F	RunNo: 9: SeqNo: 3:	3225 360007	Units: mg/k	(g	•	Qual
Client ID: PBS Prep Date: 12/9/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch Analysis Da Result ND ND	ID: <b>719</b> ate: <b>12</b> PQL 15 50	995 2/12/2022 SPK value 10.00	F SPK Ref Val	RunNo: 9: SeqNo: 3: %REC 126	3225 360007 LowLimit	Units: <b>mg/K</b> HighLimit	Kg %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 12/9/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP	Batch Analysis Da Result ND ND 13	ID: <b>719</b> ate: <b>12</b> PQL 15 50	995 V12/2022 SPK value 10.00	SPK Ref Val	RunNo: 9: SeqNo: 3: %REC 126	3225 360007 LowLimit 21	Units: mg/k HighLimit 129	Kg %RPD	RPDLimit	Qual
Client ID: PBS Prep Date: 12/9/2022  Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP  Sample ID: MB-71996	Batch Analysis Da Result ND ND 13	ID: 719 ate: 12 PQL 15 50  ype: ME	995 2/12/2022 SPK value 10.00 BLK 996	SPK Ref Val  Tes	RunNo: 9: SeqNo: 3: %REC  126 stCode: EF	3225 360007 LowLimit 21 PA Method 3225	Units: mg/k HighLimit 129	%RPD %RPD	RPDLimit	Qual

Sample ID: LCS-72024	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range							ype: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: <b>72</b> 0	)24	F	RunNo: 93	3232								
Prep Date: 12/12/2022	Analysis D	ate: 12	/13/2022	5	SeqNo: 33	360354	Units: mg/K	g						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Diesel Range Organics (DRO)	50	15	50.00	0	99.0	64.4	127							
Surr: DNOP	6.8		5.000		136	21	129			S				

#### Qualifiers:

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

Diesel Range Organics (DRO)

Surr: DNOP

Motor Oil Range Organics (MRO)

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.

ND

ND

12

15

50

10.00

B Analyte detected in the associated Method Blank

122

21

129

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

Result

11

PQL

WO#: **2212574** 

19-Dec-22

Client: EOG

**Project:** Nicholas BJ Battery

	3 D3 Dattery				
Sample ID: MB-72024	SampType: MBLK	TestCode:	EPA Method 8015M/I	D: Diesel Range	Organics
Client ID: PBS	Batch ID: 72024	RunNo:	93232		
Prep Date: 12/12/2022	Analysis Date: 12/13/20	SeqNo:	<b>3360355</b> Units:	mg/Kg	
Analyte	Result PQL SPK	value SPK Ref Val %RE	C LowLimit HighL	imit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	ND 15				
Motor Oil Range Organics (MRO)	ND 50				
Surr: DNOP	12	10.00	22 21	129	
Sample ID: LCS-71999	SampType: <b>LCS</b>	TestCode:	EPA Method 8015M/I	D: Diesel Range	Organics
Client ID: LCSS	Batch ID: <b>71999</b>	RunNo:	93225		
Prep Date: 12/9/2022	Analysis Date: 12/12/20	SeqNo:	<b>3360523</b> Units:	%Rec	
Analyte	Result PQL SPK	value SPK Ref Val %RE	C LowLimit HighL	imit %RPD	RPDLimit Qual
Surr: DNOP	5.9	5.000 11	9 21	129	
Sample ID: <b>MB-71999</b>	SampType: MBLK	TestCode:	EPA Method 8015M/I	D: Diesel Range	Organics
Client ID: PBS	Batch ID: <b>71999</b>	RunNo:	93225		
Prep Date: 12/9/2022	Analysis Date: 12/12/20	)22 SeqNo:	<b>3360524</b> Units:	%Rec	
	· · · · · · · · · · · · · · · · · · ·				

%REC

112

LowLimit

21

HighLimit

129

%RPD

**RPDLimit** 

Qual

SPK value SPK Ref Val

10.00

#### Qualifiers:

Analyte

Surr: DNOP

- 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 48 of 52

#### Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

WO#: **2212574** 

19-Dec-22

Client: EOG

Sample ID: mb-71991

**Project:** Nicholas BJ Battery

Sample ID: Ics-71991	SampT	ype: <b>LC</b>	S	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch	Batch ID: <b>71991</b> RunNo: <b>93214</b>								
Prep Date: 12/9/2022	Analysis D	oate: 12	/12/2022	5	SeqNo: 33	359252	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.8	72.3	137			
Surr: BFB	2200		1000		218	37.7	212			S

Client ID: PRS Batch ID: 71991 RunNo: 93214 Prep Date: 12/9/2022 Analysis Date: 12/12/2022 SeqNo: 3359253 Units: mg/Kg **PQL** SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 970 97.2 37.7 1000 212

TestCode: EPA Method 8015D: Gasoline Range

Sample ID: Ics-71997 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 71997 RunNo: 93214 Prep Date: Analysis Date: 12/12/2022 SeqNo: 3359276 12/9/2022 Units: mg/Kg SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result **PQL** SPK value HighLimit Qual Gasoline Range Organics (GRO) 25 5.0 ٥ 99.5 72.3 25.00 137 Surr: BFB 2100 1000 210 37.7 212

Sample ID: mb-71997 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: **PBS** Batch ID: 71997 RunNo: 93214 Analysis Date: 12/12/2022 Prep Date: 12/9/2022 SeqNo: 3359277 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Result **PQL** Lowl imit HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 940 1000 37.7 94 1 212

Sample ID: Ics-71958 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 71958 RunNo: 93221 Prep Date: Analysis Date: 12/12/2022 SeqNo: 3359719 Units: %Rec 12/8/2022 HighLimit Analyte Result PQL SPK value SPK Ref Val %REC I owl imit %RPD **RPDLimit** Qual Surr: BFB 1900 1000 37.7 186

Sample ID: Ics-71979 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range LCSS Client ID: Batch ID: 71979 RunNo: 93221 Prep Date: 12/9/2022 Analysis Date: 12/12/2022 SeqNo: 3359720 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 26 Gasoline Range Organics (GRO) 5.0 25.00 105 72.3 137

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 49 of 52

#### Hall Environmental Analysis Laboratory, Inc.

WO#: 2212574 19-Dec-22

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: Ics-71979 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 71979 RunNo: 93221

Prep Date: 12/9/2022 Analysis Date: 12/12/2022 SeqNo: 3359720 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 1900 1000 194 37.7 212

Sample ID: mb-71958 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 71958 RunNo: 93221

Prep Date: 12/8/2022 Analysis Date: 12/12/2022 SeqNo: 3359721 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 880 1000 88.1 37.7 212

Sample ID: mb-71979 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 71979 RunNo: 93221

Prep Date: 12/9/2022 Analysis Date: 12/12/2022 SeqNo: 3359722 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 ND
 5.0

 Surr: BFB
 900
 1000
 90.4
 37.7
 212

#### Qualifiers:

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

Page 50 of 52

#### Hall Environmental Analysis Laboratory, Inc.

2212574 19-Dec-22

WO#:

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: Ics-71991	Samp <sup>1</sup>	Гуре: <b>LC</b>	S	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: <b>71</b> 9	991	F						
Prep Date: 12/9/2022	Analysis [	Date: <b>12</b>	/12/2022		SeqNo: 3	359305	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.4	80	120			
Toluene	0.96	0.050	1.000	0	96.5	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.7	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			
Sample ID: mb 71001	Sama	Typo: MB	ol IZ	TootCodo: EDA Mothod 9024 Dr. Volctilos						

Sample ID: <b>mb-71991</b>	Samp1	уре: МВ	BLK	Tes	tCode: <b>EF</b>	PA Method	8021B: Volati	les				
Client ID: PBS	Batcl	n ID: <b>71</b> 9	991	F	RunNo: 93	3214						
Prep Date: 12/9/2022	Analysis D	Date: 12	/12/2022	5	SeqNo: 33	359306	Units: mg/K	s: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025		_								
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130					

Sample ID: Ics-71997	SampType: LCS TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	Batcl	h ID: <b>71</b> 9	997	F	RunNo: 93	3214				
Prep Date: 12/9/2022	Analysis [	Date: <b>12</b>	/12/2022	5	SeqNo: 3	359329	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.1	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.5	70	130			

Sample ID: <b>mb-71997</b>	SampT	SampType: MBLK TestCode: EPA Method 8					8021B: Volati	les			
Client ID: PBS	Batcl	h ID: <b>71</b> 9	997	RunNo: <b>93214</b>							
Prep Date: 12/9/2022	Analysis D	Date: 12	/12/2022	5	SeqNo: 3	359330	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	0.97		1.000		97.3	70	130				

#### Qualifiers:

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

Page 51 of 52

#### Hall Environmental Analysis Laboratory, Inc.

WO#: 2212574 19-Dec-22

Client: EOG

Sample ID: LCS-71979

**Project:** Nicholas BJ Battery

 Sample ID:
 LCS-71958
 SampType:
 LCS
 TestCode:
 EPA Method 8021B:
 Volatiles

 Client ID:
 LCSS
 Batch ID:
 71958
 RunNo:
 93221

Prep Date: 12/8/2022 Analysis Date: 12/12/2022 SeqNo: 3360087 Units: %Rec

SampType: LCS

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 70 Surr: 4-Bromofluorobenzene 0.88 1.000 88.5 130

TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 71979 RunNo: 93221 Analysis Date: 12/12/2022 SeqNo: 3360088 Prep Date: 12/9/2022 Units: mg/Kg %RPD SPK value SPK Ref Val %REC **RPDLimit** Result POI I owl imit HighLimit Qual Analyte 0.92 0.025 1.000 0 91.7 80 120 Benzene Toluene 0.94 0.050 1.000 0 93.6 80 120 0.93 0 Ethylbenzene 0.050 1.000 92.8 80 120 Xylenes, Total 2.8 0.10 3.000 n 92.6 80 120 Surr: 4-Bromofluorobenzene 0.89 1.000 89.3 70 130

Sample ID: mb-71958 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: **PBS** Batch ID: 71958 RunNo: 93221 SeqNo: 3360089 Prep Date: 12/8/2022 Analysis Date: 12/12/2022 Units: %Rec Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

 Surr: 4-Bromofluorobenzene
 0.88
 1.000
 88.2
 70
 130

1.000

SampType: MBLK TestCode: EPA Method 8021B: Volatiles Sample ID: mb-71979 Client ID: Batch ID: 71979 PRS RunNo: 93221 Prep Date: Analysis Date: 12/12/2022 SeqNo: 3360090 12/9/2022 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual ND 0.025 Benzene Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

0.90

B Analyte detected in the associated Method Blank

89.7

70

130

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 52 of 52

Hall Environmental Analysis Laboratory 4901 Hawkins NE

Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

## Sample Log-In Check List

Released to Imaging: 5/4/2023 8:04:58 AM

Client Name:	EOG	Work Order Nu	mber: 2212574		RcptNo: 1	
Received By:	Juan Rojas	12/9/2022 7:55:0	0 AM	Guara &		
Completed By:	Sean Livingston	12/9/2022 8:13:1	1 AM	Guarango Salar		
Reviewed By:	ft 12-9-22				<del>)</del>	
Chain of Cus	<u>tody</u>			_	_	
1. Is Chain of Co	ustody complete?		Yes 🗹	′ No ∐	Not Present	
2. How was the	sample delivered?		<u>Courier</u>			
Log In						
3. Was an attern	pt made to cool the sam	oles?	Yes 🗹	No 🗌	na 🗆	
4. Were all samp	oles received at a temper	ature of >0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗆	
5. Sample(s) in p	proper container(s)?		Yes 🗸	No 🗌		
6. Sufficient sam	ple volume for indicated	test(s)?	Yes 🗹	No 🗌		
7. Are samples (	except VOA and ONG) p	roperly preserved?	Yes 🗹	No 🗌		
8. Was preserva	tive added to bottles?		Yes 🗌	No 🗹	NA 🗌	
9. Received at le	ast 1 vial with headspace	<1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any san	nple containers received	broken?	Yes	No 🗹 🗀	# of preserved	
					bottles checked	
	ork match bottle labels? ancies on chain of custod	v)	Yes 🗹	No 📙	for pH: (<2 or >1	2 unless noted
	correctly identified on Cha		Yes 🗹	No 🗆	Adjusted?	
	t analyses were requeste	-	Yes 🗹	No 🗆		i i
	ng times able to be met? ustomer for authorization	)	Yes 🗹	No 🗆	Checked by:	12/9/2
	ing (if applicable)	,				
	tified of all discrepancies	with this order?	Yes 🗌	No 🗌	na 🗹	
Person	Notified:	Da	ite:			
By Who	om:	Via	a: eMail 🔲 l	Phone  Fax	In Person	
Regardi	ing:					
Client Ir	nstructions:			Total Management of the Control of t		
16. Additional re	marks:				_	
17. Cooler Infor	mation					
Cooler No		Seal Intact Seal No	Seal Date	Signed By		
1	0.3 Good					

HALL ENVIRONMENTAL ANALYSIS LABORATORY  www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	TEX (8021)  TPH:8015D(GRO / DRO / MRO)  Chloride (EPA 300)	Remarks: Bill to EOG Artesia	-71516
□ Standard Rush 48 hr Project Name:  U (Chalas 8) Baffery Project #: 5375	Sampler: Articrative DN6  Solor Ice: Ares DN6  Cooler Temp(including cr): C 240. C 200 S 2	\( \frac{1}{12} \) \( \frac{1}	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Received by QCD: 1289-2023 1255 PRecord Client: EOG-Artesia / Ranger Env.  Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210  Ranger: PO Box 201179, Austin TX 78720  Dhone #: 501.335.1785	email or Fax#: Will@RangerEnv.com  QA/QC Package:  Standard  Accreditation:	1336 Soil 6-2 12-22 1332 8-3 1334 8-5 1340 8-6 1344 8-8 1344 8-9 1344 8-9 1346 8-9 1346 8-9 1346 8-9 1346 8-9 1346 8-9 1346 8-1	Isla 1900 adumment

15

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

Received by QCD: 12/30/2022 2:25:52 PW ACOLD	PWecord	umorA-mu i				Jot 60 Page 86 of 2	5 of 2
Client: EOG-Artesia / Ranger Env.		□ Standard		WRush 48-hr		ANALYSIS LABORATORY	
		Project Name:				www.hallenvironmental.com	
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210		Nicholas	3)	Ballen/	4901 1-	4901 Hawkins NE - Albuquerque, NM 87109	
Ranger: PO Box 201179, Austin TX 78720		Project #: 537	જ		Tel. 5(	505-345-3975 Fax 505-345-4107	
Phone #: 521-335-1785						Analysis Request	
email or Fax#: Will@RangerEnv.com	E	Project Mana	Project Manager: W. Kierdorf	ų.,	(0		
QA/QC Package:  Standard	□ Level 4 (Full Validation)		,		N MR		
:		Sampler: 5	Martines/	W. Kennedy			
(pe)		olers			GR(		
╙		Cooler Temp(including CF):	(Including CF): [62]	240-1-0-3	12D(		
Date Time Matrix Samp	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (80 Chloride		
12-72 1384 Soil B.	8-13	14402)00	106	5)0	X X R		T
j 95c1	6-14	_	_	014	-		
	13-15			510			T
	B · (G			2)0			Т
	11-8		lu .	400			Т
	8-18			0(1			T
	8-19			019			Т
	R-26			520			Т
	B-21			סכן			T
	6-22			220			
	(S-2)			013			
7	B-24	ħ	Þ	٠,	7		
Date: Time: Relinquished by:		Received by:	Via:	<b>—</b>	Remarks: E	Remarks: Bill to EOG Artesia	
Jan 16 mg 1 2180 25-8-21	200	Chlun	. <	2			
	,	Received by:	Via:	Date Time			
MANUAL ON MANUAL OF THE PARTY O	\		J'COUR'DY	27-52/p/2 780000	J. Same	Any sub-contracted data will be clearly notated on the analytical repoi	$\neg$

Received & ASH-1264-284-865-64 Mecord	ו שנוו-אוסמנום זוווופ.	HALL ENVIRONMENTAL
Client: EOG-Artesia / Ranger Env.	□ Standard (% \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ANALYSIS LABORATORY
	Project Name:	www.hallenvironmental.com
Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	N rchalas B) Baffery	4901 Hawkins NE - Albuquerque, NM 87109
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Tel. 505-345-3975 Fax 505-345-4107
Phone #: 521-335-1785		Analysis Request
email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	(C
QA/QC Package:		MRG
■ Standard □ Level 4 (Full Validation)		/ 03
Accreditation:	Sampler: J. Martinez / W. Kennedy On Ice: Pres I No	
(be)	# of Coolers:	<b>В</b> Э)
-	Cooler Temp(including cP): U. 216.120.3	12D(
Date Time Matrix Sample Name	Container Preservative HEAL No.	BTEX (
1168 8141	1x402)ar 1CE 025	×
1970		3
	520	
	120	
1	P20 1	
Date: Time: Relinquished by:	Via: Date	Remarks: Bill to EOG Artesia
My 32 OBSA BALLOWAY	1000 PS 122	
Time: Relinguis	Received by: Via: 0' Date Time	
d'immoh	1 C V V V V V V V V V V V V V V V V V V	( ) ( ) いん トル ( と ) ( と ) ( ) ( ) ( ) ( ) ( ) ( ) ( )

HALL ENVIRONMENTAL ANALYSIS LABORATORY 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 www.hallenvironmental.com **Analysis Request** Remarks: Bill to EOG Artesia Tel. 505-345-3975  $\overline{\mathcal{Q}}$ Chloride (EPA 300) (PH:8015D(GRO / DRO / MRO) X (1508) X3T8 counter 12/9/12/9/ 827 Time 400 Time HEAL No. 520 333 030 03% らてつ 035 035 20 र्ह 533 03( Cooler Temp(including CF): (~ 2七6, 1元の 12/8/22 KRush 48- hr Date Date N. Chalas 8) Project Manager: W. Kierdorf Preservative Type Via: i urri-Arouria IIIIE. CAMMA Project Name: Standard # of Coolers: Container Type and # Tx402 )av Received by: Sampler: On Ice: □ Level 4 (Full Validation) Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210 Time | Matrix | Sample Name Received by OCD 11230-2022 52555 PMecord [N-13 07-M 21-2 Relinquished by: 5-3 3 allumming 7,3 3,5 2-2 9-5 3 W-3 Ranger: PO Box 201179, Austin TX 78720 email or Fax#: Will@RangerEnv.com □ Az Compliance Client: EOG-Artesia / Ranger Env. Relinquished by: □ Other Excel Phone #: 521-335-1785 17-1-17 1437 KON GEN TO الإلاله 1575 1436 905) 17130 1434 9151 1428 ָרָליָל<u>ו</u> 05h1 oh 5] (P) QA/QC Package: ■ EDD (Type) Accreditation: Time: Standard ■ NELAC 1232 12/8/26 Date

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

■ NELAC

Date

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

1 1 1/2 12/2 12/2/1/2/ 2/2

Remarks: Bill to EOG Artesia

Time

, ≺la:

Received by:

Received by

Mendon

4260

1282

Reliteruished by

08/0/

200

Relinquished by:

Time:

Date:

824

12/8/27 Date



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

December 22, 2022

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Nicholas BJ Battery OrderNo.: 2212662

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 69 sample(s) on 12/10/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order **2212662** 

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

CLIENT: EOG Client Sample ID: B-30

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:00:00 PM

 Lab ID:
 2212662-001
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	610	59	mg/Kg	20	12/13/2022 12:29:31 PM 72040
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 2:36:53 PM 72035
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 2:36:53 PM 72035
Surr: DNOP	105	21-129	%Rec	1	12/13/2022 2:36:53 PM 72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 2:59:54 PM 72013
Surr: BFB	94.4	37.7-212	%Rec	1	12/13/2022 2:59:54 PM 72013
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	12/13/2022 2:59:54 PM 72013
Toluene	ND	0.049	mg/Kg	1	12/13/2022 2:59:54 PM 72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 2:59:54 PM 72013
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 2:59:54 PM 72013
Surr: 4-Bromofluorobenzene	90.9	70-130	%Rec	1	12/13/2022 2:59:54 PM 72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-31

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:02:00 PM Lab ID: 2212662-002 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	2900	150	mg/Kg	50	12/14/2022 10:54:12 AM 72040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	22	15	mg/Kg	1	12/13/2022 3:18:32 PM 72035
Motor Oil Range Organics (MRO)	53	48	mg/Kg	1	12/13/2022 3:18:32 PM 72035
Surr: DNOP	110	21-129	%Rec	1	12/13/2022 3:18:32 PM 72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 4:10:33 PM 72013
Surr: BFB	91.8	37.7-212	%Rec	1	12/13/2022 4:10:33 PM 72013
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 4:10:33 PM 72013
Toluene	ND	0.049	mg/Kg	1	12/13/2022 4:10:33 PM 72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 4:10:33 PM 72013
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 4:10:33 PM 72013
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	12/13/2022 4:10:33 PM 72013

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-32

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 12:04:00 PM Lab ID: 2212662-003 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 270 60 mg/Kg 12/13/2022 12:54:22 PM 72040 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 15 mg/Kg 12/13/2022 3:45:51 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 12/13/2022 3:45:51 PM 72035 Surr: DNOP 108 21-129 %Rec 12/13/2022 3:45:51 PM 72035 Analyst: RAA **EPA METHOD 8015D: GASOLINE RANGE** 12/13/2022 5:21:10 PM 72013 Gasoline Range Organics (GRO) ND 4.8 mg/Kg Surr: BFB 90.0 37.7-212 %Rec 12/13/2022 5:21:10 PM 72013 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 0.024 12/13/2022 5:21:10 PM 72013 Benzene mg/Kg Toluene ND 0.048 mg/Kg 12/13/2022 5:21:10 PM 72013 Ethylbenzene ND 0.048 mg/Kg 1 12/13/2022 5:21:10 PM 72013 Xylenes, Total ND 0.097 mg/Kg 12/13/2022 5:21:10 PM 72013 Surr: 4-Bromofluorobenzene 70-130 12/13/2022 5:21:10 PM 72013 86.6 %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

Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank

Е Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

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Lab Order **2212662** 

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

CLIENT: EOG Client Sample ID: B-33

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:06:00 PM

 Lab ID:
 2212662-004
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JTT
Chloride	1300	61	mg/Kg	20	12/13/2022 1:06:46 PM	72040
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 4:13:39 PM	72035
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 4:13:39 PM	72035
Surr: DNOP	99.9	21-129	%Rec	1	12/13/2022 4:13:39 PM	72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 5:44:44 PM	72013
Surr: BFB	88.9	37.7-212	%Rec	1	12/13/2022 5:44:44 PM	72013
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 5:44:44 PM	72013
Toluene	ND	0.049	mg/Kg	1	12/13/2022 5:44:44 PM	72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 5:44:44 PM	72013
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 5:44:44 PM	72013
Surr: 4-Bromofluorobenzene	87.6	70-130	%Rec	1	12/13/2022 5:44:44 PM	72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report**

Lab Order **2212662** 

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-34

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:08:00 PM

 Lab ID:
 2212662-005
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	650	60	mg/Kg	20	12/13/2022 1:19:11 PM	72040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 4:27:20 PM	72035
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/13/2022 4:27:20 PM	72035
Surr: DNOP	106	21-129	%Rec	1	12/13/2022 4:27:20 PM	72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 6:31:43 PM	72013
Surr: BFB	89.7	37.7-212	%Rec	1	12/13/2022 6:31:43 PM	72013
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 6:31:43 PM	72013
Toluene	ND	0.049	mg/Kg	1	12/13/2022 6:31:43 PM	72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 6:31:43 PM	72013
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 6:31:43 PM	72013
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	12/13/2022 6:31:43 PM	72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2212662

#### Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/22/2022

**CLIENT: EOG** Client Sample ID: B-35

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:10:00 PM Lab ID: 2212662-006 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed B	Batch
EPA METHOD 300.0: ANIONS					Analyst: J	JTT
Chloride	990	60	mg/Kg	20	12/13/2022 1:31:37 PM 7	72040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	OGH
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	12/13/2022 4:40:50 PM 7	72035
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	12/13/2022 4:40:50 PM 7	72035
Surr: DNOP	105	21-129	%Rec	1	12/13/2022 4:40:50 PM 7	72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: F	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 6:55:11 PM 7	72013
Surr: BFB	91.5	37.7-212	%Rec	1	12/13/2022 6:55:11 PM 7	72013
EPA METHOD 8021B: VOLATILES					Analyst: F	RAA
Benzene	ND	0.024	mg/Kg	1	12/13/2022 6:55:11 PM 7	72013
Toluene	ND	0.049	mg/Kg	1	12/13/2022 6:55:11 PM 7	72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 6:55:11 PM 7	72013
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 6:55:11 PM 7	72013
Surr: 4-Bromofluorobenzene	90.1	70-130	%Rec	1	12/13/2022 6:55:11 PM 7	72013

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2212662

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

CLIENT: EOG Client Sample ID: B-36

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:14:00 PM

 Lab ID:
 2212662-007
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: <b>JT</b>	Т
Chloride	790	60	mg/Kg	20	12/13/2022 2:58:30 PM 720	040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: DG	϶H
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 4:54:23 PM 720	035
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/13/2022 4:54:23 PM 720	035
Surr: DNOP	105	21-129	%Rec	1	12/13/2022 4:54:23 PM 720	035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RA	λA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 7:18:40 PM 720	013
Surr: BFB	89.5	37.7-212	%Rec	1	12/13/2022 7:18:40 PM 720	013
EPA METHOD 8021B: VOLATILES					Analyst: RA	۱A
Benzene	ND	0.025	mg/Kg	1	12/13/2022 7:18:40 PM 720	013
Toluene	ND	0.050	mg/Kg	1	12/13/2022 7:18:40 PM 720	013
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 7:18:40 PM 720	013
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 7:18:40 PM 720	013
Surr: 4-Bromofluorobenzene	89.1	70-130	%Rec	1	12/13/2022 7:18:40 PM 720	013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
   P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-37

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:16:00 PM

 Lab ID:
 2212662-008
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 870 60 mg/Kg 12/13/2022 3:10:54 PM 72040 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 15 mg/Kg 12/13/2022 5:21:26 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 12/13/2022 5:21:26 PM 72035 Surr: DNOP 103 21-129 %Rec 12/13/2022 5:21:26 PM 72035 Analyst: RAA **EPA METHOD 8015D: GASOLINE RANGE** 12/13/2022 7:42:12 PM 72013 Gasoline Range Organics (GRO) ND 4.9 mg/Kg Surr: BFB 91.2 37.7-212 %Rec 12/13/2022 7:42:12 PM 72013 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 0.024 12/13/2022 7:42:12 PM 72013 Benzene mg/Kg Toluene ND 0.049 mg/Kg 12/13/2022 7:42:12 PM 72013 Ethylbenzene ND 0.049 mg/Kg 1 12/13/2022 7:42:12 PM 72013 Xylenes, Total ND 0.098 mg/Kg 12/13/2022 7:42:12 PM 72013 Surr: 4-Bromofluorobenzene 70-130 90.4 %Rec 12/13/2022 7:42:12 PM 72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2212662

## Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

**CLIENT: EOG** Client Sample ID: B-38

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:18:00 PM 2212662-009 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	2000	150	mg/Kg	50	12/14/2022 11:06:36 AM 72040
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 5:34:47 PM 72035
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 5:34:47 PM 72035
Surr: DNOP	102	21-129	%Rec	1	12/13/2022 5:34:47 PM 72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 8:05:45 PM 72013
Surr: BFB	86.1	37.7-212	%Rec	1	12/13/2022 8:05:45 PM 72013
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 8:05:45 PM 72013
Toluene	ND	0.049	mg/Kg	1	12/13/2022 8:05:45 PM 72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 8:05:45 PM 72013
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 8:05:45 PM 72013
Surr: 4-Bromofluorobenzene	85.1	70-130	%Rec	1	12/13/2022 8:05:45 PM 72013

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-39

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:20:00 PM 2212662-010 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed B	Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>J</b>	JTT
Chloride	2000	60	mg/Kg	20	12/13/2022 3:35:44 PM 7	72040
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: D	)GH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 6:01:01 PM 7	72035
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 6:01:01 PM 7	72035
Surr: DNOP	110	21-129	%Rec	1	12/13/2022 6:01:01 PM 7	72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: R	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 8:29:10 PM 7	72013
Surr: BFB	90.8	37.7-212	%Rec	1	12/13/2022 8:29:10 PM 7	72013
EPA METHOD 8021B: VOLATILES					Analyst: R	RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 8:29:10 PM 7	72013
Toluene	ND	0.050	mg/Kg	1	12/13/2022 8:29:10 PM 7	72013
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 8:29:10 PM 7	72013
Xylenes, Total	ND	0.10	mg/Kg	1	12/13/2022 8:29:10 PM 7	72013
Surr: 4-Bromofluorobenzene	90.3	70-130	%Rec	1	12/13/2022 8:29:10 PM 7	72013

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-40

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 12:22:00 PM Lab ID: 2212662-011 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 2500 150 mg/Kg 12/14/2022 11:19:00 AM 72040 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 14 mg/Kg 12/13/2022 6:14:00 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 12/13/2022 6:14:00 PM 72035 Surr: DNOP 109 21-129 %Rec 12/13/2022 6:14:00 PM 72035 Analyst: RAA **EPA METHOD 8015D: GASOLINE RANGE** 12/13/2022 8:52:39 PM 72013 Gasoline Range Organics (GRO) ND 5.0 mg/Kg Surr: BFB 90.2 37.7-212 %Rec 12/13/2022 8:52:39 PM 72013 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 12/13/2022 8:52:39 PM 72013 Benzene 0.025 mg/Kg Toluene ND 0.050 mg/Kg 12/13/2022 8:52:39 PM 72013 Ethylbenzene ND 0.050 mg/Kg 1 12/13/2022 8:52:39 PM 72013 Xylenes, Total ND 0.099 mg/Kg 12/13/2022 8:52:39 PM 72013 Surr: 4-Bromofluorobenzene 70-130 89.9 %Rec 12/13/2022 8:52:39 PM 72013

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
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-41

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:24:00 PM

 Lab ID:
 2212662-012
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed B	Batch
EPA METHOD 300.0: ANIONS					Analyst: J	JTT
Chloride	2700	150	mg/Kg	50	12/14/2022 11:31:24 AM 7	<sup>7</sup> 2055
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: D	)GH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 6:26:58 PM 7	72035
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 6:26:58 PM 7	72035
Surr: DNOP	119	21-129	%Rec	1	12/13/2022 6:26:58 PM 7	72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: R	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 9:16:04 PM 7	72013
Surr: BFB	92.6	37.7-212	%Rec	1	12/13/2022 9:16:04 PM 7	72013
EPA METHOD 8021B: VOLATILES					Analyst: R	RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 9:16:04 PM 7	72013
Toluene	ND	0.050	mg/Kg	1	12/13/2022 9:16:04 PM 7	72013
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 9:16:04 PM 7	72013
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 9:16:04 PM 7	72013
Surr: 4-Bromofluorobenzene	92.2	70-130	%Rec	1	12/13/2022 9:16:04 PM 7	72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
   J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-42

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:24:00 PM

 Lab ID:
 2212662-013
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: <b>J1</b>	TT
Chloride	5500	300	mg/Kg	100	) 12/14/2022 11:43:48 AM 72	2055
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: Do	GH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 6:40:00 PM 72	2035
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/13/2022 6:40:00 PM 72	2035
Surr: DNOP	99.5	21-129	%Rec	1	12/13/2022 6:40:00 PM 72	2035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RA	AA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 9:39:34 PM 72	2013
Surr: BFB	91.3	37.7-212	%Rec	1	12/13/2022 9:39:34 PM 72	2013
EPA METHOD 8021B: VOLATILES					Analyst: RA	AA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 9:39:34 PM 72	2013
Toluene	ND	0.050	mg/Kg	1	12/13/2022 9:39:34 PM 72	2013
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 9:39:34 PM 72	2013
Xylenes, Total	ND	0.10	mg/Kg	1	12/13/2022 9:39:34 PM 72	2013
Surr: 4-Bromofluorobenzene	90.7	70-130	%Rec	1	12/13/2022 9:39:34 PM 72	2013

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

Qualifiers:

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

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-43

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:26:00 PM

 Lab ID:
 2212662-014
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	4800	300	mg/Kg	100	0 12/14/2022 11:56:12 AM 72055
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 6:52:52 PM 72035
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 6:52:52 PM 72035
Surr: DNOP	107	21-129	%Rec	1	12/13/2022 6:52:52 PM 72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 10:03:04 PM 72013
Surr: BFB	86.5	37.7-212	%Rec	1	12/13/2022 10:03:04 PM 72013
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 10:03:04 PM 72013
Toluene	ND	0.050	mg/Kg	1	12/13/2022 10:03:04 PM 72013
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 10:03:04 PM 72013
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 10:03:04 PM 72013
Surr: 4-Bromofluorobenzene	86.1	70-130	%Rec	1	12/13/2022 10:03:04 PM 72013

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

Qualifiers:

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

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Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-44

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:28:00 PM

 Lab ID:
 2212662-015
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	1100	60	mg/Kg	20	12/13/2022 6:17:06 PM 72055
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/13/2022 7:06:00 PM 72035
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/13/2022 7:06:00 PM 72035
Surr: DNOP	102	21-129	%Rec	1	12/13/2022 7:06:00 PM 72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2022 12:23:21 AM 72013
Surr: BFB	86.6	37.7-212	%Rec	1	12/14/2022 12:23:21 AM 72013
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	12/14/2022 12:23:21 AM 72013
Toluene	ND	0.048	mg/Kg	1	12/14/2022 12:23:21 AM 72013
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2022 12:23:21 AM 72013
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2022 12:23:21 AM 72013
Surr: 4-Bromofluorobenzene	86.3	70-130	%Rec	1	12/14/2022 12:23:21 AM 72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-45

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:30:00 PM

 Lab ID:
 2212662-016
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	750	59	mg/Kg	20	12/13/2022 6:54:21 PM	72055
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	12/13/2022 7:18:56 PM	72035
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	12/13/2022 7:18:56 PM	72035
Surr: DNOP	97.1	21-129	%Rec	1	12/13/2022 7:18:56 PM	72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 12:46:36 AM	72013
Surr: BFB	86.9	37.7-212	%Rec	1	12/14/2022 12:46:36 AM	72013
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 12:46:36 AM	72013
Toluene	ND	0.050	mg/Kg	1	12/14/2022 12:46:36 AM	72013
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 12:46:36 AM	72013
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 12:46:36 AM	72013
Surr: 4-Bromofluorobenzene	87.8	70-130	%Rec	1	12/14/2022 12:46:36 AM	72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

## Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-46

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:32:00 PM

 Lab ID:
 2212662-017
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	350	60	mg/Kg	20	12/13/2022 7:06:46 PM	72055
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 7:32:12 PM	72035
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/13/2022 7:32:12 PM	72035
Surr: DNOP	125	21-129	%Rec	1	12/13/2022 7:32:12 PM	72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 1:09:49 AM	72013
Surr: BFB	86.8	37.7-212	%Rec	1	12/14/2022 1:09:49 AM	72013
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 1:09:49 AM	72013
Toluene	ND	0.049	mg/Kg	1	12/14/2022 1:09:49 AM	72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 1:09:49 AM	72013
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2022 1:09:49 AM	72013
Surr: 4-Bromofluorobenzene	87.5	70-130	%Rec	1	12/14/2022 1:09:49 AM	72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-47

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:34:00 PM 2212662-018 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed B	atch
EPA METHOD 300.0: ANIONS					Analyst: <b>J</b>	TT
Chloride	790	60	mg/Kg	20	12/13/2022 7:19:11 PM 72	2055
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>D</b>	GH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 7:45:27 PM 72	2035
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/13/2022 7:45:27 PM 72	2035
Surr: DNOP	115	21-129	%Rec	1	12/13/2022 7:45:27 PM 72	2035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: R	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 1:33:04 AM 72	2013
Surr: BFB	85.7	37.7-212	%Rec	1	12/14/2022 1:33:04 AM 72	2013
EPA METHOD 8021B: VOLATILES					Analyst: R	RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 1:33:04 AM 72	2013
Toluene	ND	0.049	mg/Kg	1	12/14/2022 1:33:04 AM 72	2013
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 1:33:04 AM 72	2013
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 1:33:04 AM 72	2013
Surr: 4-Bromofluorobenzene	86.6	70-130	%Rec	1	12/14/2022 1:33:04 AM 72	2013

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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**Project:** 

### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-48

Nicholas BJ Battery Collection Date: 12/8/2022 12:36:00 PM

**Lab ID:** 2212662-019 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	910	60	mg/Kg	20	12/13/2022 7:31:35 PM 72055
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/13/2022 7:58:45 PM 72035
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/13/2022 7:58:45 PM 72035
Surr: DNOP	96.1	21-129	%Rec	1	12/13/2022 7:58:45 PM 72035
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 1:56:20 AM 72013
Surr: BFB	85.7	37.7-212	%Rec	1	12/14/2022 1:56:20 AM 72013
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 1:56:20 AM 72013
Toluene	ND	0.049	mg/Kg	1	12/14/2022 1:56:20 AM 72013
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 1:56:20 AM 72013
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 1:56:20 AM 72013
Surr: 4-Bromofluorobenzene	85.9	70-130	%Rec	1	12/14/2022 1:56:20 AM 72013

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-49

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:38:00 PM

 Lab ID:
 2212662-020
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 3000 150 mg/Kg 12/14/2022 12:08:36 PM 72055 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 14 mg/Kg 12/13/2022 8:12:05 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 12/13/2022 8:12:05 PM 72035 Surr: DNOP 100 21-129 %Rec 12/13/2022 8:12:05 PM 72035 Analyst: RAA **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 12/14/2022 2:19:34 AM 72013 5.0 mg/Kg Surr: BFB 86.3 37.7-212 %Rec 12/14/2022 2:19:34 AM 72013 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 12/14/2022 2:19:34 AM 72013 Benzene 0.025 mg/Kg Toluene ND 0.050 mg/Kg 12/14/2022 2:19:34 AM 72013 Ethylbenzene ND 0.050 mg/Kg 1 12/14/2022 2:19:34 AM 72013 Xylenes, Total ND 0.099 mg/Kg 12/14/2022 2:19:34 AM 72013 Surr: 4-Bromofluorobenzene 70-130 12/14/2022 2:19:34 AM 72013 86.9 %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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-50

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:40:00 PM 2212662-021 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	900	60	mg/Kg	20	12/13/2022 7:56:25 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2022 7:36:52 PM	72020
Surr: BFB	93.4	70-130	%Rec	1	12/13/2022 7:36:52 PM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 11:18:35 AN	1 72039
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2022 11:18:35 AN	1 72039
Surr: DNOP	121	21-129	%Rec	1	12/14/2022 11:18:35 AM	1 72039
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	12/13/2022 7:36:52 PM	72020
Toluene	ND	0.048	mg/Kg	1	12/13/2022 7:36:52 PM	72020
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2022 7:36:52 PM	72020
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 7:36:52 PM	72020
Surr: 1,2-Dichloroethane-d4	98.7	70-130	%Rec	1	12/13/2022 7:36:52 PM	72020
Surr: 4-Bromofluorobenzene	94.2	70-130	%Rec	1	12/13/2022 7:36:52 PM	72020
Surr: Dibromofluoromethane	104	70-130	%Rec	1	12/13/2022 7:36:52 PM	72020
Surr: Toluene-d8	103	70-130	%Rec	1	12/13/2022 7:36:52 PM	72020

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-51

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:42:00 PM

 Lab ID:
 2212662-022
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	330	60	mg/Kg	20	12/13/2022 8:08:50 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 8:57:41 PM	72020
Surr: BFB	93.8	70-130	%Rec	1	12/13/2022 8:57:41 PM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	12/14/2022 11:29:07 AM	1 72039
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	12/14/2022 11:29:07 AM	1 72039
Surr: DNOP	101	21-129	%Rec	1	12/14/2022 11:29:07 AM	1 72039
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 8:57:41 PM	72020
Toluene	ND	0.050	mg/Kg	1	12/13/2022 8:57:41 PM	72020
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 8:57:41 PM	72020
Xylenes, Total	ND	0.099	mg/Kg	1	12/13/2022 8:57:41 PM	72020
Surr: 1,2-Dichloroethane-d4	93.9	70-130	%Rec	1	12/13/2022 8:57:41 PM	72020
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	1	12/13/2022 8:57:41 PM	72020
Surr: Dibromofluoromethane	105	70-130	%Rec	1	12/13/2022 8:57:41 PM	72020
Surr: Toluene-d8	100	70-130	%Rec	1	12/13/2022 8:57:41 PM	72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-52

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:44:00 PM 2212662-023 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JTT
Chloride	210	60		mg/Kg	20	12/13/2022 8:21:15 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst	: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/13/2022 9:24:37 PM	72020
Surr: BFB	93.8	70-130		%Rec	1	12/13/2022 9:24:37 PM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst	: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	12/14/2022 11:39:40 AM	1 72039
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/14/2022 11:39:40 AM	1 72039
Surr: DNOP	131	21-129	S	%Rec	1	12/14/2022 11:39:40 AM	1 72039
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst	: RAA
Benzene	ND	0.025		mg/Kg	1	12/13/2022 9:24:37 PM	72020
Toluene	ND	0.050		mg/Kg	1	12/13/2022 9:24:37 PM	72020
Ethylbenzene	ND	0.050		mg/Kg	1	12/13/2022 9:24:37 PM	72020
Xylenes, Total	ND	0.099		mg/Kg	1	12/13/2022 9:24:37 PM	72020
Surr: 1,2-Dichloroethane-d4	93.5	70-130		%Rec	1	12/13/2022 9:24:37 PM	72020
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	12/13/2022 9:24:37 PM	72020
Surr: Dibromofluoromethane	98.9	70-130		%Rec	1	12/13/2022 9:24:37 PM	72020
Surr: Toluene-d8	101	70-130		%Rec	1	12/13/2022 9:24:37 PM	72020

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-53

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:46:00 PM Lab ID: 2212662-024 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JTT
Chloride	290	60		mg/Kg	20	12/13/2022 8:33:40 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/13/2022 9:51:27 PM	72020
Surr: BFB	94.7	70-130		%Rec	1	12/13/2022 9:51:27 PM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst	DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/14/2022 11:50:19 AM	72039
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/14/2022 11:50:19 AM	72039
Surr: DNOP	135	21-129	S	%Rec	1	12/14/2022 11:50:19 AM	72039
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst	RAA
Benzene	ND	0.025		mg/Kg	1	12/13/2022 9:51:27 PM	72020
Toluene	ND	0.050		mg/Kg	1	12/13/2022 9:51:27 PM	72020
Ethylbenzene	ND	0.050		mg/Kg	1	12/13/2022 9:51:27 PM	72020
Xylenes, Total	ND	0.099		mg/Kg	1	12/13/2022 9:51:27 PM	72020
Surr: 1,2-Dichloroethane-d4	92.4	70-130		%Rec	1	12/13/2022 9:51:27 PM	72020
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	12/13/2022 9:51:27 PM	72020
Surr: Dibromofluoromethane	106	70-130		%Rec	1	12/13/2022 9:51:27 PM	72020
Surr: Toluene-d8	106	70-130		%Rec	1	12/13/2022 9:51:27 PM	72020

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-54

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:48:00 PM

 Lab ID:
 2212662-025
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JTT
Chloride	110	60		mg/Kg	20	12/13/2022 8:46:04 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANGE	į					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/13/2022 10:18:19 PM	1 72020
Surr: BFB	94.7	70-130		%Rec	1	12/13/2022 10:18:19 PM	1 72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS					Analyst	: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/14/2022 12:01:03 PM	1 72039
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/14/2022 12:01:03 PM	1 72039
Surr: DNOP	134	21-129	S	%Rec	1	12/14/2022 12:01:03 PM	1 72039
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>	Г					Analyst	: RAA
Benzene	ND	0.025		mg/Kg	1	12/13/2022 10:18:19 PM	1 72020
Toluene	ND	0.049		mg/Kg	1	12/13/2022 10:18:19 PM	1 72020
Ethylbenzene	ND	0.049		mg/Kg	1	12/13/2022 10:18:19 PM	1 72020
Xylenes, Total	ND	0.099		mg/Kg	1	12/13/2022 10:18:19 PM	1 72020
Surr: 1,2-Dichloroethane-d4	96.5	70-130		%Rec	1	12/13/2022 10:18:19 PM	1 72020
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	12/13/2022 10:18:19 PM	1 72020
Surr: Dibromofluoromethane	105	70-130		%Rec	1	12/13/2022 10:18:19 PM	1 72020
Surr: Toluene-d8	102	70-130		%Rec	1	12/13/2022 10:18:19 PM	1 72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-55

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:50:00 PM

 Lab ID:
 2212662-026
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	<b>Date Analyzed</b>	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	570	59	mg/Kg	20	12/13/2022 9:23:19 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANGE	Ē				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 10:45:13 PM	1 72020
Surr: BFB	92.0	70-130	%Rec	1	12/13/2022 10:45:13 PM	1 72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 12:11:52 PM	1 72039
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 12:11:52 PM	1 72039
Surr: DNOP	125	21-129	%Rec	1	12/14/2022 12:11:52 PM	1 72039
EPA METHOD 8260B: VOLATILES SHORT LIST	Г				Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	12/13/2022 10:45:13 PM	1 72020
Toluene	ND	0.049	mg/Kg	1	12/13/2022 10:45:13 PM	1 72020
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 10:45:13 PM	1 72020
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 10:45:13 PM	1 72020
Surr: 1,2-Dichloroethane-d4	100	70-130	%Rec	1	12/13/2022 10:45:13 PM	1 72020
Surr: 4-Bromofluorobenzene	97.8	70-130	%Rec	1	12/13/2022 10:45:13 PM	1 72020
Surr: Dibromofluoromethane	106	70-130	%Rec	1	12/13/2022 10:45:13 PM	1 72020
Surr: Toluene-d8	103	70-130	%Rec	1	12/13/2022 10:45:13 PM	1 72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
   P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-56

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 12:52:00 PM

 Lab ID:
 2212662-027
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	570	60	mg/Kg	20	12/13/2022 9:35:44 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analyst:	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/13/2022 11:12:04 PM	72020
Surr: BFB	96.1	70-130	%Rec	1	12/13/2022 11:12:04 PM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 12:22:40 PM	72039
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 12:22:40 PM	72039
Surr: DNOP	119	21-129	%Rec	1	12/14/2022 12:22:40 PM	72039
EPA METHOD 8260B: VOLATILES SHORT LIS	ST				Analyst:	RAA
Benzene	ND	0.025	mg/Kg	1	12/13/2022 11:12:04 PM	72020
Toluene	ND	0.050	mg/Kg	1	12/13/2022 11:12:04 PM	72020
Ethylbenzene	ND	0.050	mg/Kg	1	12/13/2022 11:12:04 PM	72020
Xylenes, Total	ND	0.10	mg/Kg	1	12/13/2022 11:12:04 PM	72020
Surr: 1,2-Dichloroethane-d4	97.2	70-130	%Rec	1	12/13/2022 11:12:04 PM	72020
Surr: 4-Bromofluorobenzene	97.3	70-130	%Rec	1	12/13/2022 11:12:04 PM	72020
Surr: Dibromofluoromethane	110	70-130	%Rec	1	12/13/2022 11:12:04 PM	72020
Surr: Toluene-d8	105	70-130	%Rec	1	12/13/2022 11:12:04 PM	72020

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

Qualifiers:

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

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# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-57

Project: Nicholas BJ Battery Collection Date: 12/8/2022 12:54:00 PM

**Lab ID:** 2212662-028 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JTT
Chloride	570	60	mg/Kg	20	12/13/2022 9:48:09 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/13/2022 11:38:55 PN	A 72020
Surr: BFB	88.7	70-130	%Rec	1	12/13/2022 11:38:55 PM	/I 72020
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 12:33:28 PN	A 72039
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/14/2022 12:33:28 PN	A 72039
Surr: DNOP	121	21-129	%Rec	1	12/14/2022 12:33:28 PM	A 72039
<b>EPA METHOD 8260B: VOLATILES SHORT LIS</b>	ST .				Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	12/13/2022 11:38:55 PM	A 72020
Toluene	ND	0.048	mg/Kg	1	12/13/2022 11:38:55 PM	A 72020
Ethylbenzene	ND	0.048	mg/Kg	1	12/13/2022 11:38:55 PN	A 72020
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 11:38:55 PN	A 72020
Surr: 1,2-Dichloroethane-d4	88.6	70-130	%Rec	1	12/13/2022 11:38:55 PN	A 72020
Surr: 4-Bromofluorobenzene	97.4	70-130	%Rec	1	12/13/2022 11:38:55 PM	A 72020
Surr: Dibromofluoromethane	105	70-130	%Rec	1	12/13/2022 11:38:55 PM	A 72020
Surr: Toluene-d8	98.2	70-130	%Rec	1	12/13/2022 11:38:55 PM	/I 72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-58

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:56:00 PM 2212662-029 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: <b>JT</b>	Т
Chloride	540	60	mg/Kg	20	12/13/2022 10:00:33 PM 720	)55
EPA METHOD 8015D MOD: GASOLINE RANGE	<b></b>				Analyst: RA	lΑ
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 12:05:42 AM 720	)20
Surr: BFB	92.5	70-130	%Rec	1	12/14/2022 12:05:42 AM 720	)20
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst: DG	Н
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 10:44:48 AM 720	)39
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2022 10:44:48 AM 720	)39
Surr: DNOP	105	21-129	%Rec	1	12/14/2022 10:44:48 AM 720	)39
EPA METHOD 8260B: VOLATILES SHORT LIST	Γ				Analyst: RA	·Α
Benzene	ND	0.024	mg/Kg	1	12/14/2022 12:05:42 AM 720	)20
Toluene	ND	0.049	mg/Kg	1	12/14/2022 12:05:42 AM 720	)20
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 12:05:42 AM 720	)20
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2022 12:05:42 AM 720	)20
Surr: 1,2-Dichloroethane-d4	95.5	70-130	%Rec	1	12/14/2022 12:05:42 AM 720	)20
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	12/14/2022 12:05:42 AM 720	)20
Surr: Dibromofluoromethane	107	70-130	%Rec	1	12/14/2022 12:05:42 AM 720	)20
Surr: Toluene-d8	98.7	70-130	%Rec	1	12/14/2022 12:05:42 AM 720	)20

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-59

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 12:58:00 PM

**Lab ID:** 2212662-030 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	600	60	mg/Kg	20	12/13/2022 10:12:57 PM	1 72055
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 12:32:29 AN	1 72020
Surr: BFB	91.0	70-130	%Rec	1	12/14/2022 12:32:29 AM	1 72020
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 11:08:09 AN	1 72039
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2022 11:08:09 AM	1 72039
Surr: DNOP	97.0	21-129	%Rec	1	12/14/2022 11:08:09 AM	1 72039
<b>EPA METHOD 8260B: VOLATILES SHORT LIS</b>	Т				Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 12:32:29 AN	1 72020
Toluene	ND	0.050	mg/Kg	1	12/14/2022 12:32:29 AN	1 72020
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 12:32:29 AN	1 72020
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2022 12:32:29 AN	1 72020
Surr: 1,2-Dichloroethane-d4	97.6	70-130	%Rec	1	12/14/2022 12:32:29 AN	1 72020
Surr: 4-Bromofluorobenzene	96.1	70-130	%Rec	1	12/14/2022 12:32:29 AN	1 72020
Surr: Dibromofluoromethane	106	70-130	%Rec	1	12/14/2022 12:32:29 AM	1 72020
Surr: Toluene-d8	103	70-130	%Rec	1	12/14/2022 12:32:29 AM	1 72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-60

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:00:00 PM

 Lab ID:
 2212662-031
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	580	60	mg/Kg	20	12/13/2022 10:25:22 PM	72055
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 12:59:17 AM	72020
Surr: BFB	93.9	70-130	%Rec	1	12/14/2022 12:59:17 AM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 11:31:42 AM	72039
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 11:31:42 AM	72039
Surr: DNOP	96.6	21-129	%Rec	1	12/14/2022 11:31:42 AM	72039
EPA METHOD 8260B: VOLATILES SHORT LIST	•				Analyst:	RAA
Benzene	ND	0.024	mg/Kg	1	12/14/2022 12:59:17 AM	72020
Toluene	ND	0.049	mg/Kg	1	12/14/2022 12:59:17 AM	72020
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 12:59:17 AM	72020
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2022 12:59:17 AM	72020
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	12/14/2022 12:59:17 AM	72020
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	12/14/2022 12:59:17 AM	72020
Surr: Dibromofluoromethane	107	70-130	%Rec	1	12/14/2022 12:59:17 AM	72020
Surr: Toluene-d8	105	70-130	%Rec	1	12/14/2022 12:59:17 AM	72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-61

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:02:00 PM 2212662-032 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	540	60	mg/Kg	20	12/13/2022 11:15:01 PM	72067
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 1:26:02 AM	72020
Surr: BFB	93.5	70-130	%Rec	1	12/14/2022 1:26:02 AM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 11:55:25 AM	72039
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/14/2022 11:55:25 AM	72039
Surr: DNOP	87.4	21-129	%Rec	1	12/14/2022 11:55:25 AM	72039
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>					Analyst:	RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 1:26:02 AM	72020
Toluene	ND	0.049	mg/Kg	1	12/14/2022 1:26:02 AM	72020
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 1:26:02 AM	72020
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2022 1:26:02 AM	72020
Surr: 1,2-Dichloroethane-d4	92.0	70-130	%Rec	1	12/14/2022 1:26:02 AM	72020
Surr: 4-Bromofluorobenzene	96.3	70-130	%Rec	1	12/14/2022 1:26:02 AM	72020
Surr: Dibromofluoromethane	106	70-130	%Rec	1	12/14/2022 1:26:02 AM	72020
Surr: Toluene-d8	95.7	70-130	%Rec	1	12/14/2022 1:26:02 AM	72020

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-62

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:04:00 PM

 Lab ID:
 2212662-033
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 520 60 mg/Kg 12/14/2022 12:17:05 AM 72067 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 12/14/2022 1:52:48 AM Surr: BFB 91.9 70-130 %Rec 1 12/14/2022 1:52:48 AM 72020 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 15 mg/Kg 12/14/2022 12:19:12 PM 72039 Motor Oil Range Organics (MRO) ND 1 12/14/2022 12:19:12 PM 72039 49 mg/Kg Surr: DNOP 96.9 %Rec 12/14/2022 12:19:12 PM 72039 21-129 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: RAA ND 12/14/2022 1:52:48 AM Benzene 0.025 mg/Kg 72020 Toluene ND 0.050 mg/Kg 12/14/2022 1:52:48 AM 72020 Ethylbenzene ND 0.050 mg/Kg 1 12/14/2022 1:52:48 AM 72020 Xylenes, Total ND mg/Kg 12/14/2022 1:52:48 AM 72020 0.10 Surr: 1,2-Dichloroethane-d4 84.7 70-130 %Rec 12/14/2022 1:52:48 AM 72020 Surr: 4-Bromofluorobenzene 96.8 70-130 %Rec 12/14/2022 1:52:48 AM Surr: Dibromofluoromethane 106 70-130 %Rec 1 12/14/2022 1:52:48 AM 72020 Surr: Toluene-d8 104 70-130 %Rec 12/14/2022 1:52:48 AM 72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-63

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:06:00 PM

 Lab ID:
 2212662-034
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 560 60 mg/Kg 12/14/2022 12:54:19 AM 72067 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 12/14/2022 4:59:58 AM Surr: BFB 93.6 70-130 %Rec 1 12/14/2022 4:59:58 AM 72020 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 12/14/2022 12:42:55 PM 72039 Motor Oil Range Organics (MRO) ND 1 12/14/2022 12:42:55 PM 72039 46 mg/Kg Surr: DNOP 90.0 %Rec 12/14/2022 12:42:55 PM 72039 21-129 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: RAA ND 12/14/2022 4:59:58 AM Benzene 0.025 mg/Kg 72020 Toluene ND 0.050 mg/Kg 12/14/2022 4:59:58 AM 72020 Ethylbenzene ND 0.050 mg/Kg 1 12/14/2022 4:59:58 AM 72020 Xylenes, Total ND 0.099 mg/Kg 12/14/2022 4:59:58 AM 72020 Surr: 1,2-Dichloroethane-d4 89.7 70-130 %Rec 12/14/2022 4:59:58 AM 72020 Surr: 4-Bromofluorobenzene 95.9 70-130 %Rec 12/14/2022 4:59:58 AM Surr: Dibromofluoromethane 106 70-130 %Rec 1 12/14/2022 4:59:58 AM 72020 Surr: Toluene-d8 100 70-130 %Rec 12/14/2022 4:59:58 AM 72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-64

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 1:08:00 PM Lab ID: 2212662-035 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 540 60 mg/Kg 12/14/2022 1:06:44 AM 72067 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 12/14/2022 5:26:44 AM Surr: BFB 92.4 70-130 %Rec 1 12/14/2022 5:26:44 AM 72020 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 14 mg/Kg 12/14/2022 10:50:37 AM 72039 Motor Oil Range Organics (MRO) ND 1 12/14/2022 10:50:37 AM 72039 47 mg/Kg Surr: DNOP 96.5 21-129 %Rec 12/14/2022 10:50:37 AM 72039 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: RAA ND 12/14/2022 5:26:44 AM Benzene 0.025 mg/Kg 72020 Toluene ND 0.050 mg/Kg 12/14/2022 5:26:44 AM 72020 Ethylbenzene ND 0.050 mg/Kg 1 12/14/2022 5:26:44 AM 72020 Xylenes, Total ND mg/Kg 12/14/2022 5:26:44 AM 72020 0.10 1 Surr: 1,2-Dichloroethane-d4 87.6 70-130 %Rec 12/14/2022 5:26:44 AM 72020 Surr: 4-Bromofluorobenzene 90.8 70-130 %Rec 12/14/2022 5:26:44 AM Surr: Dibromofluoromethane 107 70-130 %Rec 1 12/14/2022 5:26:44 AM 72020 Surr: Toluene-d8 105 70-130 %Rec 12/14/2022 5:26:44 AM 72020

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
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-65

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:10:00 PM Lab ID: 2212662-036 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	550	60	mg/Kg	20	12/14/2022 1:19:08 AM	72067
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 5:53:33 AM	72020
Surr: BFB	93.1	70-130	%Rec	1	12/14/2022 5:53:33 AM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 11:03:40 AM	1 72039
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2022 11:03:40 AM	1 72039
Surr: DNOP	103	21-129	%Rec	1	12/14/2022 11:03:40 AM	1 72039
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 5:53:33 AM	72020
Toluene	ND	0.049	mg/Kg	1	12/14/2022 5:53:33 AM	72020
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 5:53:33 AM	72020
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 5:53:33 AM	72020
Surr: 1,2-Dichloroethane-d4	94.4	70-130	%Rec	1	12/14/2022 5:53:33 AM	72020
Surr: 4-Bromofluorobenzene	97.4	70-130	%Rec	1	12/14/2022 5:53:33 AM	72020
Surr: Dibromofluoromethane	108	70-130	%Rec	1	12/14/2022 5:53:33 AM	72020
Surr: Toluene-d8	101	70-130	%Rec	1	12/14/2022 5:53:33 AM	72020

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-66

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:12:00 PM

 Lab ID:
 2212662-037
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	190	60	mg/Kg	20	12/14/2022 1:31:33 AM	72067
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 6:20:21 AM	72020
Surr: BFB	89.4	70-130	%Rec	1	12/14/2022 6:20:21 AM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 11:16:56 AM	1 72039
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2022 11:16:56 AM	1 72039
Surr: DNOP	95.2	21-129	%Rec	1	12/14/2022 11:16:56 AM	1 72039
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 6:20:21 AM	72020
Toluene	ND	0.050	mg/Kg	1	12/14/2022 6:20:21 AM	72020
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 6:20:21 AM	72020
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2022 6:20:21 AM	72020
Surr: 1,2-Dichloroethane-d4	94.3	70-130	%Rec	1	12/14/2022 6:20:21 AM	72020
Surr: 4-Bromofluorobenzene	95.6	70-130	%Rec	1	12/14/2022 6:20:21 AM	72020
Surr: Dibromofluoromethane	109	70-130	%Rec	1	12/14/2022 6:20:21 AM	72020
Surr: Toluene-d8	96.9	70-130	%Rec	1	12/14/2022 6:20:21 AM	72020

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-67

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:14:00 PM Lab ID: 2212662-038 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	180	61	mg/Kg	20	12/14/2022 1:43:58 AM	72067
EPA METHOD 8015D MOD: GASOLINE RANGE	<b></b>				Analyst:	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 6:47:11 AM	72020
Surr: BFB	84.9	70-130	%Rec	1	12/14/2022 6:47:11 AM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst:	JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 11:30:05 AM	72039
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 11:30:05 AM	72039
Surr: DNOP	96.3	21-129	%Rec	1	12/14/2022 11:30:05 AM	72039
EPA METHOD 8260B: VOLATILES SHORT LIST	Г				Analyst:	RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 6:47:11 AM	72020
Toluene	ND	0.050	mg/Kg	1	12/14/2022 6:47:11 AM	72020
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 6:47:11 AM	72020
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2022 6:47:11 AM	72020
Surr: 1,2-Dichloroethane-d4	94.1	70-130	%Rec	1	12/14/2022 6:47:11 AM	72020
Surr: 4-Bromofluorobenzene	89.8	70-130	%Rec	1	12/14/2022 6:47:11 AM	72020
Surr: Dibromofluoromethane	111	70-130	%Rec	1	12/14/2022 6:47:11 AM	72020
Surr: Toluene-d8	100	70-130	%Rec	1	12/14/2022 6:47:11 AM	72020

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B-68

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:16:00 PM 2212662-039 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	210	60	mg/Kg	20	12/14/2022 12:21:01 PM	1 72067
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 7:13:59 AM	72020
Surr: BFB	89.8	70-130	%Rec	1	12/14/2022 7:13:59 AM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 11:43:44 AN	1 72039
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2022 11:43:44 AN	1 72039
Surr: DNOP	93.1	21-129	%Rec	1	12/14/2022 11:43:44 AM	1 72039
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	12/14/2022 7:13:59 AM	72020
Toluene	ND	0.050	mg/Kg	1	12/14/2022 7:13:59 AM	72020
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 7:13:59 AM	72020
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2022 7:13:59 AM	72020
Surr: 1,2-Dichloroethane-d4	99.2	70-130	%Rec	1	12/14/2022 7:13:59 AM	72020
Surr: 4-Bromofluorobenzene	97.0	70-130	%Rec	1	12/14/2022 7:13:59 AM	72020
Surr: Dibromofluoromethane	107	70-130	%Rec	1	12/14/2022 7:13:59 AM	72020
Surr: Toluene-d8	102	70-130	%Rec	1	12/14/2022 7:13:59 AM	72020

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-69

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:18:00 PM

 Lab ID:
 2212662-040
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	210	60	mg/Kg	20	12/14/2022 12:33:25 PM	1 72067
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2022 7:40:48 AM	72020
Surr: BFB	90.8	70-130	%Rec	1	12/14/2022 7:40:48 AM	72020
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 11:57:36 AN	1 72039
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2022 11:57:36 AM	1 72039
Surr: DNOP	76.3	21-129	%Rec	1	12/14/2022 11:57:36 AM	1 72039
<b>EPA METHOD 8260B: VOLATILES SHORT LIS</b>	ST .				Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	12/14/2022 7:40:48 AM	72020
Toluene	ND	0.048	mg/Kg	1	12/14/2022 7:40:48 AM	72020
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2022 7:40:48 AM	72020
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2022 7:40:48 AM	72020
Surr: 1,2-Dichloroethane-d4	99.2	70-130	%Rec	1	12/14/2022 7:40:48 AM	72020
Surr: 4-Bromofluorobenzene	92.7	70-130	%Rec	1	12/14/2022 7:40:48 AM	72020
Surr: Dibromofluoromethane	113	70-130	%Rec	1	12/14/2022 7:40:48 AM	72020
Surr: Toluene-d8	98.5	70-130	%Rec	1	12/14/2022 7:40:48 AM	72020

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

Qualifiers:

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

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### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-70

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:20:00 PM

**Lab ID:** 2212662-041 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	210	60	mg/Kg	20	12/14/2022 12:45:49 PM 72067
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 9:22:25 AM 72051
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/14/2022 9:22:25 AM 72051
Surr: DNOP	117	21-129	%Rec	1	12/14/2022 9:22:25 AM 72051
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 10:42:00 PM 72021
Surr: BFB	96.1	37.7-212	%Rec	1	12/13/2022 10:42:00 PM 72021
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/13/2022 10:42:00 PM 72021
Toluene	ND	0.049	mg/Kg	1	12/13/2022 10:42:00 PM 72021
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 10:42:00 PM 72021
Xylenes, Total	ND	0.097	mg/Kg	1	12/13/2022 10:42:00 PM 72021
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	12/13/2022 10:42:00 PM 72021

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-71

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 1:22:00 PM

Lab ID: 2212662-042 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	220	60	mg/Kg	20	12/14/2022 1:23:02 PM 72067
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 9:54:03 AM 72051
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 9:54:03 AM 72051
Surr: DNOP	104	21-129	%Rec	1	12/14/2022 9:54:03 AM 72051
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/13/2022 11:41:00 PM 72021
Surr: BFB	96.6	37.7-212	%Rec	1	12/13/2022 11:41:00 PM 72021
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/13/2022 11:41:00 PM 72021
Toluene	ND	0.049	mg/Kg	1	12/13/2022 11:41:00 PM 72021
Ethylbenzene	ND	0.049	mg/Kg	1	12/13/2022 11:41:00 PM 72021
Xylenes, Total	ND	0.098	mg/Kg	1	12/13/2022 11:41:00 PM 72021
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	12/13/2022 11:41:00 PM 72021

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Page 42 of 80 RL Reporting Limit

### **Analytical Report**

Lab Order **2212662** 

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

CLIENT: EOG Client Sample ID: B-72

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:24:00 PM

 Lab ID:
 2212662-043
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	210	59	mg/Kg	20	12/14/2022 1:35:26 PM	72067
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 12:54:36 PM	1 72051
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 12:54:36 PM	72051
Surr: DNOP	106	21-129	%Rec	1	12/14/2022 12:54:36 PM	72051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 12:40:00 AM	72021
Surr: BFB	94.9	37.7-212	%Rec	1	12/14/2022 12:40:00 AM	72021
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	12/14/2022 12:40:00 AM	72021
Toluene	ND	0.050	mg/Kg	1	12/14/2022 12:40:00 AM	72021
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 12:40:00 AM	72021
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 12:40:00 AM	72021
Surr: 4-Bromofluorobenzene	98.9	70-130	%Rec	1	12/14/2022 12:40:00 AM	72021

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-73

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:26:00 PM

 Lab ID:
 2212662-044
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bate	ch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>	
Chloride	160	60	mg/Kg	20	12/14/2022 1:47:50 PM 7206	37
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: <b>DG</b>	Н
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 1:05:14 PM 7205	51
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2022 1:05:14 PM 7205	51
Surr: DNOP	91.4	21-129	%Rec	1	12/14/2022 1:05:14 PM 7205	51
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	VI
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 12:59:00 AM 7202	21
Surr: BFB	96.6	37.7-212	%Rec	1	12/14/2022 12:59:00 AM 7202	21
EPA METHOD 8021B: VOLATILES					Analyst: CCN	VI
Benzene	ND	0.025	mg/Kg	1	12/14/2022 12:59:00 AM 7202	21
Toluene	ND	0.050	mg/Kg	1	12/14/2022 12:59:00 AM 7202	21
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 12:59:00 AM 7202	21
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2022 12:59:00 AM 7202	21
Surr: 4-Bromofluorobenzene	96.2	70-130	%Rec	1	12/14/2022 12:59:00 AM 7202	21

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

Qualifiers:

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

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### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-74

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:28:00 PM

**Lab ID:** 2212662-045 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: <b>JT</b>	ГТ
Chloride	230	61	mg/Kg	20	12/14/2022 2:00:14 PM 72	2067
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DC	GH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 1:15:48 PM 72	2051
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2022 1:15:48 PM 72	2051
Surr: DNOP	101	21-129	%Rec	1	12/14/2022 1:15:48 PM 72	2051
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CC	CM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 1:19:00 AM 72	2021
Surr: BFB	94.5	37.7-212	%Rec	1	12/14/2022 1:19:00 AM 72	2021
EPA METHOD 8021B: VOLATILES					Analyst: CC	СМ
Benzene	ND	0.025	mg/Kg	1	12/14/2022 1:19:00 AM 72	2021
Toluene	ND	0.049	mg/Kg	1	12/14/2022 1:19:00 AM 72	2021
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 1:19:00 AM 72	2021
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2022 1:19:00 AM 72	2021
Surr: 4-Bromofluorobenzene	97.8	70-130	%Rec	1	12/14/2022 1:19:00 AM 72	2021

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-75

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 1:30:00 PM Lab ID: 2212662-046 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 190 60 mg/Kg 12/14/2022 2:12:38 PM 72067 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 14 mg/Kg 12/14/2022 1:26:25 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 12/14/2022 1:26:25 PM 72051 Surr: DNOP 117 21-129 %Rec 12/14/2022 1:26:25 PM 72051 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 12/14/2022 1:38:00 AM 72021 5.0 mg/Kg Surr: BFB 92.6 37.7-212 %Rec 12/14/2022 1:38:00 AM 72021 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.025 12/14/2022 1:38:00 AM 72021 Benzene mg/Kg Toluene ND 0.050 mg/Kg 12/14/2022 1:38:00 AM 72021 Ethylbenzene ND 0.050 mg/Kg 1 12/14/2022 1:38:00 AM 72021 Xylenes, Total ND 0.10 mg/Kg 12/14/2022 1:38:00 AM 72021 Surr: 4-Bromofluorobenzene 70-130 12/14/2022 1:38:00 AM 72021 97.3 %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
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Xylenes, Total

Surr: 4-Bromofluorobenzene

### **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

12/14/2022 1:58:00 AM

12/14/2022 1:58:00 AM 72021

72021

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-76

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 1:32:00 PM Lab ID: 2212662-047 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 210 59 mg/Kg 12/14/2022 2:25:03 PM 72067 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 14 mg/Kg 12/14/2022 1:37:00 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 12/14/2022 1:37:00 PM 72051 Surr: DNOP 103 21-129 %Rec 12/14/2022 1:37:00 PM 72051 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 12/14/2022 1:58:00 AM 72021 5.0 mg/Kg Surr: BFB 93.4 37.7-212 %Rec 12/14/2022 1:58:00 AM 72021 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.025 12/14/2022 1:58:00 AM 72021 Benzene mg/Kg Toluene ND 0.050 mg/Kg 12/14/2022 1:58:00 AM 72021 Ethylbenzene ND 0.050 mg/Kg 12/14/2022 1:58:00 AM 72021

ND

97.0

0.10

70-130

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
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank

1

mg/Kg

%Rec

- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-77

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:34:00 PM

 Lab ID:
 2212662-048
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	JTT
Chloride	160	61	mg/Kg	20	12/14/2022 2:37:27 PM	72067
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 1:47:37 PM	72051
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2022 1:47:37 PM	72051
Surr: DNOP	110	21-129	%Rec	1	12/14/2022 1:47:37 PM	72051
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2022 2:17:00 AM	72021
Surr: BFB	95.1	37.7-212	%Rec	1	12/14/2022 2:17:00 AM	72021
EPA METHOD 8021B: VOLATILES					Analyst:	ССМ
Benzene	ND	0.024	mg/Kg	1	12/14/2022 2:17:00 AM	72021
Toluene	ND	0.048	mg/Kg	1	12/14/2022 2:17:00 AM	72021
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2022 2:17:00 AM	72021
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2022 2:17:00 AM	72021
Surr: 4-Bromofluorobenzene	97.4	70-130	%Rec	1	12/14/2022 2:17:00 AM	72021

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-78

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:36:00 PM

 Lab ID:
 2212662-049
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	170	60	mg/Kg	20	12/14/2022 2:49:52 PM	72067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 1:58:12 PM	72051
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2022 1:58:12 PM	72051
Surr: DNOP	117	21-129	%Rec	1	12/14/2022 1:58:12 PM	72051
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2022 2:37:00 AM	72021
Surr: BFB	92.4	37.7-212	%Rec	1	12/14/2022 2:37:00 AM	72021
EPA METHOD 8021B: VOLATILES					Analyst	: CCM
Benzene	ND	0.024	mg/Kg	1	12/14/2022 2:37:00 AM	72021
Toluene	ND	0.048	mg/Kg	1	12/14/2022 2:37:00 AM	72021
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2022 2:37:00 AM	72021
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2022 2:37:00 AM	72021
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	1	12/14/2022 2:37:00 AM	72021

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

Qualifiers:

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

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#### **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**Client Sample ID:** B-79

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:38:00 PM

Lab ID: 2212662-050 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch	h
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>	
Chloride	370	60	mg/Kg	20	12/14/2022 3:02:17 PM 72067	7
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: <b>DGH</b>	
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 2:08:51 PM 72051	I
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2022 2:08:51 PM 72051	l
Surr: DNOP	116	21-129	%Rec	1	12/14/2022 2:08:51 PM 72051	I
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 2:56:00 AM 72021	I
Surr: BFB	95.6	37.7-212	%Rec	1	12/14/2022 2:56:00 AM 72021	I
EPA METHOD 8021B: VOLATILES					Analyst: CCM	
Benzene	ND	0.024	mg/Kg	1	12/14/2022 2:56:00 AM 72021	I
Toluene	ND	0.049	mg/Kg	1	12/14/2022 2:56:00 AM 72021	l
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 2:56:00 AM 72021	l
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2022 2:56:00 AM 72021	l
Surr: 4-Bromofluorobenzene	98.4	70-130	%Rec	1	12/14/2022 2:56:00 AM 72021	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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Nicholas BJ Battery

**CLIENT: EOG** 

**Project:** 

### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-80

**Collection Date:** 12/8/2022 1:40:00 PM

**Lab ID:** 2212662-051 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	:: JTT
Chloride	390	60		mg/Kg	20	12/14/2022 3:14:41 PM	72067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: DGH
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	12/14/2022 2:19:28 PM	72051
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/14/2022 2:19:28 PM	72051
Surr: DNOP	129	21-129	S	%Rec	1	12/14/2022 2:19:28 PM	72051
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/14/2022 3:35:00 AM	72021
Surr: BFB	94.2	37.7-212		%Rec	1	12/14/2022 3:35:00 AM	72021
EPA METHOD 8021B: VOLATILES						Analyst	: CCM
Benzene	ND	0.025		mg/Kg	1	12/14/2022 3:35:00 AM	72021
Toluene	ND	0.049		mg/Kg	1	12/14/2022 3:35:00 AM	72021
Ethylbenzene	ND	0.049		mg/Kg	1	12/14/2022 3:35:00 AM	72021
Xylenes, Total	ND	0.098		mg/Kg	1	12/14/2022 3:35:00 AM	72021
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	12/14/2022 3:35:00 AM	72021

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report**

Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-81

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:42:00 PM

Lab ID: 2212662-052 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch	h
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>	
Chloride	420	61	mg/Kg	20	12/14/2022 8:53:38 AM 72073	3
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: <b>DGH</b>	ı
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 2:30:04 PM 7205	1
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 2:30:04 PM 7205	1
Surr: DNOP	123	21-129	%Rec	1	12/14/2022 2:30:04 PM 7205	1
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM	1
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 3:55:00 AM 7202	1
Surr: BFB	95.6	37.7-212	%Rec	1	12/14/2022 3:55:00 AM 7202°	1
EPA METHOD 8021B: VOLATILES					Analyst: CCM	1
Benzene	ND	0.024	mg/Kg	1	12/14/2022 3:55:00 AM 7202	1
Toluene	ND	0.049	mg/Kg	1	12/14/2022 3:55:00 AM 7202°	1
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 3:55:00 AM 7202°	1
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2022 3:55:00 AM 7202°	1
Surr: 4-Bromofluorobenzene	98.9	70-130	%Rec	1	12/14/2022 3:55:00 AM 7202	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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-82

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 1:44:00 PM

**Lab ID:** 2212662-053 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed B	Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>J</b>	JTT
Chloride	470	60	mg/Kg	20	12/14/2022 9:05:59 AM 7	72073
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst:	OGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 2:40:45 PM 7	72051
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2022 2:40:45 PM 7	72051
Surr: DNOP	127	21-129	%Rec	1	12/14/2022 2:40:45 PM 7	72051
EPA METHOD 8015D: GASOLINE RANGE					Analyst: C	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 4:14:00 AM 7	72021
Surr: BFB	97.9	37.7-212	%Rec	1	12/14/2022 4:14:00 AM 7	72021
EPA METHOD 8021B: VOLATILES					Analyst: C	CCM
Benzene	ND	0.025	mg/Kg	1	12/14/2022 4:14:00 AM 7	72021
Toluene	ND	0.049	mg/Kg	1	12/14/2022 4:14:00 AM 7	72021
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 4:14:00 AM 7	72021
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 4:14:00 AM 7	72021
Surr: 4-Bromofluorobenzene	98.9	70-130	%Rec	1	12/14/2022 4:14:00 AM 7	72021

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
   P Sample pH Not In Range
- RL Reporting Limit

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Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

12/14/2022 4:34:00 AM

12/14/2022 4:34:00 AM

12/14/2022 4:34:00 AM 72021

72021

72021

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-83

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 1:46:00 PM

 Lab ID:
 2212662-054
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 340 60 mg/Kg 12/14/2022 9:18:20 AM 72073 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 15 mg/Kg 12/16/2022 1:26:57 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 12/16/2022 1:26:57 PM 72051 Surr: DNOP 112 21-129 %Rec 12/16/2022 1:26:57 PM 72051 Analyst: CCM **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 12/14/2022 4:34:00 AM 72021 4.9 mg/Kg Surr: BFB 94.4 37.7-212 %Rec 12/14/2022 4:34:00 AM 72021 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.024 12/14/2022 4:34:00 AM 72021 Benzene mg/Kg Toluene ND 0.049 mg/Kg 12/14/2022 4:34:00 AM 72021

ND

ND

99.1

0.049

0.098

70-130

mg/Kg

mg/Kg

%Rec

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
   J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: W-11

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 2:25:00 PM Lab ID: 2212662-055 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 150 60 mg/Kg 12/14/2022 9:30:39 AM 72073 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 13 mg/Kg 12/15/2022 10:01:37 PM 72051 Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 12/15/2022 10:01:37 PM 72051 Surr: DNOP 21-129 12/15/2022 10:01:37 PM 72051 131 S %Rec **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 12/14/2022 4:53:00 AM 72021 4.9 mg/Kg Surr: BFB 104 37.7-212 %Rec 12/14/2022 4:53:00 AM 72021 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.024 12/14/2022 4:53:00 AM 72021 Benzene mg/Kg Toluene ND 0.049 mg/Kg 12/14/2022 4:53:00 AM 72021 Ethylbenzene ND 0.049 mg/Kg 1 12/14/2022 4:53:00 AM 72021 Xylenes, Total ND 0.098 mg/Kg 12/14/2022 4:53:00 AM 72021 Surr: 4-Bromofluorobenzene 70-130 99.2 %Rec 12/14/2022 4:53:00 AM 72021

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
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: 10-1

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 2:30:00 PM

 Lab ID:
 2212662-056
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	: JTT
Chloride	5900	300		mg/Kg	100	12/15/2022 8:33:55 AM	72073
EPA METHOD 8015M/D: DIESEL RANGE OR	PA METHOD 8015M/D: DIESEL RANGE ORGANICS						t: DGH
Diesel Range Organics (DRO)	1500	140		mg/Kg	10	12/20/2022 11:04:13 AM	Л 72051
Motor Oil Range Organics (MRO)	1100	480		mg/Kg	10	12/20/2022 11:04:13 Al	/ 72051
Surr: DNOP	0	21-129	S	%Rec	10	12/20/2022 11:04:13 AM	Л 72051
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/14/2022 5:13:00 AM	72021
Surr: BFB	96.7	37.7-212		%Rec	1	12/14/2022 5:13:00 AM	72021
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	ND	0.025		mg/Kg	1	12/14/2022 5:13:00 AM	72021
Toluene	ND	0.049		mg/Kg	1	12/14/2022 5:13:00 AM	72021
Ethylbenzene	ND	0.049		mg/Kg	1	12/14/2022 5:13:00 AM	72021
Xylenes, Total	ND	0.098		mg/Kg	1	12/14/2022 5:13:00 AM	72021
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	12/14/2022 5:13:00 AM	72021

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

Qualifiers:

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

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## **Analytical Report**

Lab Order 2212662 Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: 10-2

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 2:32:00 PM

Lab ID: 2212662-057 Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	9200	600	mg/Kg	200	12/15/2022 8:46:16 AM	72073
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: DGH
Diesel Range Organics (DRO)	250	71	mg/Kg	5	12/16/2022 1:37:35 PM	72051
Motor Oil Range Organics (MRO)	370	240	mg/Kg	5	12/16/2022 1:37:35 PM	72051
Surr: DNOP	129	21-129	%Rec	5	12/16/2022 1:37:35 PM	72051
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 5:32:00 AM	72021
Surr: BFB	88.5	37.7-212	%Rec	1	12/14/2022 5:32:00 AM	72021
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	0.025	mg/Kg	1	12/14/2022 5:32:00 AM	72021
Toluene	ND	0.050	mg/Kg	1	12/14/2022 5:32:00 AM	72021
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 5:32:00 AM	72021
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 5:32:00 AM	72021
Surr: 4-Bromofluorobenzene	95.2	70-130	%Rec	1	12/14/2022 5:32:00 AM	72021

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
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- RL Reporting Limit

Sample pH Not In Range Page 57 of 80

## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: 10-3

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 2:34:00 PM

 Lab ID:
 2212662-058
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: <b>J</b>	TT
Chloride	8000	300	mg/Kg	100	0 12/15/2022 8:58:37 AM 72	2073
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>D</b>	)GH
Diesel Range Organics (DRO)	260	15	mg/Kg	1	12/20/2022 11:36:03 AM 72	'2051
Motor Oil Range Organics (MRO)	220	49	mg/Kg	1	12/20/2022 11:36:03 AM 72	'2051
Surr: DNOP	129	21-129	%Rec	1	12/20/2022 11:36:03 AM 72	'2051
EPA METHOD 8015D: GASOLINE RANGE					Analyst: C	CM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 5:52:00 AM 72	2021
Surr: BFB	92.9	37.7-212	%Rec	1	12/14/2022 5:52:00 AM 72	2021
EPA METHOD 8021B: VOLATILES					Analyst: C	СМ
Benzene	ND	0.024	mg/Kg	1	12/14/2022 5:52:00 AM 72	2021
Toluene	ND	0.049	mg/Kg	1	12/14/2022 5:52:00 AM 72	2021
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 5:52:00 AM 72	2021
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2022 5:52:00 AM 72	2021
Surr: 4-Bromofluorobenzene	97.6	70-130	%Rec	1	12/14/2022 5:52:00 AM 72	2021

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: 10-4

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 2:36:00 PM

 Lab ID:
 2212662-059
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 8900 600 mg/Kg 200 12/15/2022 9:10:59 AM 72073 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 150 mg/Kg 12/20/2022 1:47:32 PM Motor Oil Range Organics (MRO) 830 490 12/20/2022 1:47:32 PM 72051 mg/Kg Surr: DNOP 0 21-129 S %Rec 12/20/2022 1:47:32 PM 72051 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 12/14/2022 6:11:00 AM 72021 4.9 mg/Kg 1 Surr: BFB 103 37.7-212 %Rec 12/14/2022 6:11:00 AM 72021 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.024 12/14/2022 6:11:00 AM 72021 Benzene mg/Kg Toluene ND 0.049 mg/Kg 12/14/2022 6:11:00 AM 72021 Ethylbenzene ND 0.049 mg/Kg 1 12/14/2022 6:11:00 AM 72021 Xylenes, Total ND 0.098 mg/Kg 12/14/2022 6:11:00 AM 72021 Surr: 4-Bromofluorobenzene 70-130 12/14/2022 6:11:00 AM 72021 99.9 %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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report** Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B10-1

**Collection Date:** 12/8/2022 2:48:00 PM **Project:** Nicholas BJ Battery 2212662-060 Lab ID: Matrix: SOIL Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	:: JTT
Chloride	9100	600		mg/Kg	200	) 12/15/2022 9:23:20 AM	72073
EPA METHOD 8015M/D: DIESEL RANGE OR	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						: DGH
Diesel Range Organics (DRO)	2800	150		mg/Kg	10	12/15/2022 11:57:59 PM	/I 72051
Motor Oil Range Organics (MRO)	1500	480		mg/Kg	10	12/15/2022 11:57:59 PM	<i>l</i> 72051
Surr: DNOP	0	21-129	S	%Rec	10	12/15/2022 11:57:59 PM	/I 72051
EPA METHOD 8015D: GASOLINE RANGE						Analys	: CCM
Gasoline Range Organics (GRO)	7.7	5.0		mg/Kg	1	12/14/2022 6:31:00 AM	72021
Surr: BFB	165	37.7-212		%Rec	1	12/14/2022 6:31:00 AM	72021
EPA METHOD 8021B: VOLATILES						Analys	: CCM
Benzene	ND	0.025		mg/Kg	1	12/14/2022 6:31:00 AM	72021
Toluene	ND	0.050		mg/Kg	1	12/14/2022 6:31:00 AM	72021
Ethylbenzene	ND	0.050		mg/Kg	1	12/14/2022 6:31:00 AM	72021
Xylenes, Total	0.15	0.099		mg/Kg	1	12/14/2022 6:31:00 AM	72021
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	1	12/14/2022 6:31:00 AM	72021

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
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Page 60 of 80 RL Reporting Limit

# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B10-2

**Project:** Nicholas BJ Battery **Collection Date:** 12/8/2022 2:50:00 PM

**Lab ID:** 2212662-061 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: <b>JTT</b>
Chloride	9600	610		mg/Kg	200	12/15/2022 9:35:42 AM	72073
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	t: <b>DGH</b>
Diesel Range Organics (DRO)	2000	260		mg/Kg	20	12/16/2022 12:19:08 Al	M 72058
Motor Oil Range Organics (MRO)	1100	880		mg/Kg	20	12/16/2022 12:19:08 Al	M 72058
Surr: DNOP	0	21-129	S	%Rec	20	12/16/2022 12:19:08 Al	M 72058
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/14/2022 8:28:00 AM	72025
Surr: BFB	113	37.7-212		%Rec	5	12/14/2022 8:28:00 AM	72025
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	ND	0.12		mg/Kg	5	12/14/2022 8:28:00 AM	72025
Toluene	ND	0.24		mg/Kg	5	12/14/2022 8:28:00 AM	72025
Ethylbenzene	ND	0.24		mg/Kg	5	12/14/2022 8:28:00 AM	72025
Xylenes, Total	ND	0.48		mg/Kg	5	12/14/2022 8:28:00 AM	72025
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	5	12/14/2022 8:28:00 AM	72025

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B10-3

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 2:52:00 PM

 Lab ID:
 2212662-062
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: <b>JTT</b>
Chloride	9100	600		mg/Kg	200	12/15/2022 9:48:02 AM	72073
EPA METHOD 8015M/D: DIESEL RANGE OR	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						t: <b>DGH</b>
Diesel Range Organics (DRO)	1800	140		mg/Kg	10	12/17/2022 12:51:52 AM	И 72058
Motor Oil Range Organics (MRO)	950	480		mg/Kg	10	12/17/2022 12:51:52 AM	M 72058
Surr: DNOP	0	21-129	S	%Rec	10	12/17/2022 12:51:52 AM	M 72058
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	8.4	4.9		mg/Kg	1	12/14/2022 8:47:00 AM	72025
Surr: BFB	173	37.7-212		%Rec	1	12/14/2022 8:47:00 AM	72025
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	ND	0.024		mg/Kg	1	12/14/2022 8:47:00 AM	72025
Toluene	ND	0.049		mg/Kg	1	12/14/2022 8:47:00 AM	72025
Ethylbenzene	ND	0.049		mg/Kg	1	12/14/2022 8:47:00 AM	72025
Xylenes, Total	0.17	0.098		mg/Kg	1	12/14/2022 8:47:00 AM	72025
Surr: 4-Bromofluorobenzene	121	70-130		%Rec	1	12/14/2022 8:47:00 AM	72025

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: R-1

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 3:00:00 PM

 Lab ID:
 2212662-063
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: <b>J</b> 1	TT
Chloride	ND	60	mg/Kg	20	12/14/2022 11:34:03 AM 72	2073
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>Ji</b>	ME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/14/2022 12:39:05 PM 72	2058
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/14/2022 12:39:05 PM 72	2058
Surr: DNOP	93.0	21-129	%Rec	1	12/14/2022 12:39:05 PM 72	2058
EPA METHOD 8015D: GASOLINE RANGE					Analyst: C	CM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/14/2022 9:46:00 AM 72	2025
Surr: BFB	94.0	37.7-212	%Rec	1	12/14/2022 9:46:00 AM 72	2025
EPA METHOD 8021B: VOLATILES					Analyst: C	CM
Benzene	ND	0.024	mg/Kg	1	12/14/2022 9:46:00 AM 72	2025
Toluene	ND	0.048	mg/Kg	1	12/14/2022 9:46:00 AM 72	2025
Ethylbenzene	ND	0.048	mg/Kg	1	12/14/2022 9:46:00 AM 72	2025
Xylenes, Total	ND	0.097	mg/Kg	1	12/14/2022 9:46:00 AM 72	2025
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	12/14/2022 9:46:00 AM 72	2025

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: R-2

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 3:02:00 PM

 Lab ID:
 2212662-064
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 140 60 mg/Kg 12/14/2022 11:46:24 AM 72073 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 15 mg/Kg 12/14/2022 12:52:56 PM 72058 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 12/14/2022 12:52:56 PM 72058 Surr: DNOP 94.7 21-129 %Rec 12/14/2022 12:52:56 PM 72058 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 12/14/2022 10:45:00 AM 72025 4.9 mg/Kg Surr: BFB 97.4 37.7-212 %Rec 12/14/2022 10:45:00 AM 72025 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.025 12/14/2022 10:45:00 AM 72025 Benzene mg/Kg Toluene ND 0.049 mg/Kg 12/14/2022 10:45:00 AM 72025 Ethylbenzene ND 0.049 mg/Kg 1 12/14/2022 10:45:00 AM 72025 Xylenes, Total ND 0.099 mg/Kg 12/14/2022 10:45:00 AM 72025 Surr: 4-Bromofluorobenzene 70-130 12/14/2022 10:45:00 AM 72025 103 %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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report**

Lab Order **2212662** 

#### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

CLIENT: EOG Client Sample ID: R-3

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 3:04:00 PM

 Lab ID:
 2212662-065
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bate	tch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>	 T
Chloride	250	60	mg/Kg	20	12/14/2022 11:58:44 AM 720	)73
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: JMI	Ε
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 1:06:54 PM 720	)58
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/14/2022 1:06:54 PM 720	)58
Surr: DNOP	74.7	21-129	%Rec	1	12/14/2022 1:06:54 PM 720	)58
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCI	M
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/14/2022 11:05:00 AM 7202	)25
Surr: BFB	96.2	37.7-212	%Rec	1	12/14/2022 11:05:00 AM 7202	)25
EPA METHOD 8021B: VOLATILES					Analyst: CCI	M
Benzene	ND	0.025	mg/Kg	1	12/14/2022 11:05:00 AM 7202	)25
Toluene	ND	0.050	mg/Kg	1	12/14/2022 11:05:00 AM 7202	)25
Ethylbenzene	ND	0.050	mg/Kg	1	12/14/2022 11:05:00 AM 7202	)25
Xylenes, Total	ND	0.10	mg/Kg	1	12/14/2022 11:05:00 AM 7202	)25
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	12/14/2022 11:05:00 AM 7202	)25

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: R-4

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 3:06:00 PM

 Lab ID:
 2212662-066
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 220 60 mg/Kg 12/14/2022 12:11:05 PM 72073 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 14 mg/Kg 12/14/2022 1:20:34 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 12/14/2022 1:20:34 PM 72058 Surr: DNOP 74.7 21-129 %Rec 12/14/2022 1:20:34 PM 72058 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM 12/14/2022 11:25:00 AM 72025 Gasoline Range Organics (GRO) ND 4.9 mg/Kg Surr: BFB 97.3 37.7-212 %Rec 12/14/2022 11:25:00 AM 72025 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.025 12/14/2022 11:25:00 AM 72025 Benzene mg/Kg Toluene ND 0.049 mg/Kg 12/14/2022 11:25:00 AM 72025 Ethylbenzene ND 0.049 mg/Kg 1 12/14/2022 11:25:00 AM 72025 Xylenes, Total ND 0.098 mg/Kg 12/14/2022 11:25:00 AM 72025 12/14/2022 11:25:00 AM 72025 Surr: 4-Bromofluorobenzene 104 70-130 %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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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# Analytical Report Lab Order 2212662

Date Reported: 12/22/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: R-5

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 3:08:00 PM

 Lab ID:
 2212662-067
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Bate	:h
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>	
Chloride	250	60	mg/Kg	20	12/14/2022 12:23:26 PM 7207	′3
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>JME</b>	Ξ
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 1:34:21 PM 7205	58
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2022 1:34:21 PM 7205	58
Surr: DNOP	89.0	21-129	%Rec	1	12/14/2022 1:34:21 PM 7205	58
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCN	И
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 11:44:00 AM 7202	25
Surr: BFB	98.2	37.7-212	%Rec	1	12/14/2022 11:44:00 AM 7202	25
EPA METHOD 8021B: VOLATILES					Analyst: CCN	Л
Benzene	ND	0.025	mg/Kg	1	12/14/2022 11:44:00 AM 7202	25
Toluene	ND	0.049	mg/Kg	1	12/14/2022 11:44:00 AM 7202	25
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 11:44:00 AM 7202	25
Xylenes, Total	ND	0.099	mg/Kg	1	12/14/2022 11:44:00 AM 7202	25
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	12/14/2022 11:44:00 AM 7202	25

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: R-6

**Project:** Nicholas BJ Battery Collection Date: 12/8/2022 3:10:00 PM

**Lab ID:** 2212662-068 **Matrix:** SOIL **Received Date:** 12/10/2022 8:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	130	60	mg/Kg	20	12/14/2022 12:35:47 PM 72073
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/14/2022 1:48:00 PM 72058
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/14/2022 1:48:00 PM 72058
Surr: DNOP	81.6	21-129	%Rec	1	12/14/2022 1:48:00 PM 72058
EPA METHOD 8015D: GASOLINE RANGE					Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/14/2022 12:04:00 PM 72025
Surr: BFB	95.1	37.7-212	%Rec	1	12/14/2022 12:04:00 PM 72025
EPA METHOD 8021B: VOLATILES					Analyst: CCM
Benzene	ND	0.024	mg/Kg	1	12/14/2022 12:04:00 PM 72025
Toluene	ND	0.049	mg/Kg	1	12/14/2022 12:04:00 PM 72025
Ethylbenzene	ND	0.049	mg/Kg	1	12/14/2022 12:04:00 PM 72025
Xylenes, Total	ND	0.098	mg/Kg	1	12/14/2022 12:04:00 PM 72025
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	12/14/2022 12:04:00 PM 72025

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
   J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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## **Analytical Report**

Lab Order **2212662**Date Reported: **12/22/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: R-7

 Project:
 Nicholas BJ Battery
 Collection Date: 12/8/2022 3:12:00 PM

 Lab ID:
 2212662-069
 Matrix: SOIL
 Received Date: 12/10/2022 8:20:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 64 60 mg/Kg 12/14/2022 12:48:08 PM 72073 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 15 mg/Kg 12/14/2022 2:01:42 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 12/14/2022 2:01:42 PM 72058 Surr: DNOP 86.3 21-129 %Rec 12/14/2022 2:01:42 PM 72058 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 12/14/2022 12:24:00 PM 72025 4.9 mg/Kg Surr: BFB 96.2 37.7-212 %Rec 12/14/2022 12:24:00 PM 72025 **EPA METHOD 8021B: VOLATILES** Analyst: CCM ND 0.025 12/14/2022 12:24:00 PM 72025 Benzene mg/Kg Toluene ND 0.049 mg/Kg 12/14/2022 12:24:00 PM 72025 Ethylbenzene ND 0.049 mg/Kg 1 12/14/2022 12:24:00 PM 72025 Xylenes, Total ND 0.099 mg/Kg 12/14/2022 12:24:00 PM 72025 Surr: 4-Bromofluorobenzene 102 70-130 12/14/2022 12:24:00 PM 72025 %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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- L Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

WO#: **2212662** 

22-Dec-22

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: MB-72040 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72040 RunNo: 93254

Prep Date: 12/13/2022 Analysis Date: 12/13/2022 SeqNo: 3361202 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

 Sample ID:
 LCS-72040
 SampType:
 LCS
 TestCode:
 EPA Method 300.0:
 Anions

 Client ID:
 LCSS
 Batch ID:
 72040
 RunNo:
 93254

 Prep Date:
 12/13/2022
 Analysis Date:
 12/13/2022
 SeqNo:
 3361203
 Units:
 mg/Kg

**RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual Chloride 14 1.5 15.00 93 4 110

Sample ID: MB-72055 SampType: MBLK TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 72055 RunNo: 93254 Analysis Date: 12/13/2022 Prep Date: 12/13/2022 SeqNo: 3361234 Units: mg/Kg Result POI SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte I owl imit HighLimit

Chloride ND 1.5

Sample ID: LCS-72055 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72055 RunNo: 93254

Prep Date: 12/13/2022 Analysis Date: 12/13/2022 SeqNo: 3361235 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.8 90 110

Sample ID: MB-72067 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72067 RunNo: 93254

Prep Date: 12/13/2022 Analysis Date: 12/13/2022 SeqNo: 3361265 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-72067 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72067 RunNo: 93254

Prep Date: 12/13/2022 Analysis Date: 12/13/2022 SeqNo: 3361266 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride 14 1.5 15.00 0 92.8 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

WO#: **2212662 22-Dec-22** 

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: MB-72073 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72073 RunNo: 93292

Prep Date: 12/14/2022 Analysis Date: 12/14/2022 SeqNo: 3362900 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-72073 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72073 RunNo: 93292

Prep Date: 12/14/2022 Analysis Date: 12/14/2022 SeqNo: 3362901 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.3 90 110

Sample ID: MB-72067 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72067 RunNo: 93351

Prep Date: 12/13/2022 Analysis Date: 12/15/2022 SeqNo: 3365782 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-72067 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72067 RunNo: 93351

Prep Date: 12/13/2022 Analysis Date: 12/15/2022 SeqNo: 3365783 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 95.8 90 110

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

2212662 22-Dec-22

WO#:

Client: EOG

**Project:** Nicholas BJ Battery

Project: Nicholas	s BJ Battery								
Sample ID: LCS-72039	SampType: LCS		Tes	tCode: EP	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: <b>72039</b>		F	RunNo: 93	3264				
Prep Date: 12/13/2022	Analysis Date: 12/14/	2022	5	SeqNo: 33	861855	Units: mg/K	g		
Analyte	Result PQL SI	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48 15	50.00	0	95.3	64.4	127			
Surr: DNOP	6.1	5.000		122	21	129			
Sample ID: LCS-72051	SampType: LCS		Tes	stCode: EP	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: <b>72051</b>		F	RunNo: 93	3264				
Prep Date: 12/13/2022	Analysis Date: 12/14/	2022	5	SeqNo: 33	861856	Units: mg/K	g		
Analyte	Result PQL SI	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44 15	50.00	0	87.0	64.4	127			
Surr: DNOP	5.8	5.000		116	21	129			
Sample ID: MB-72039	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: <b>72039</b>		RunNo: 93264						
Prep Date: 12/13/2022	Analysis Date: 12/14/	2022	S	SeqNo: 33	861857	Units: mg/K	g		
Analyte	Result PQL SI	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 15								
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 12	10.00		121	21	129			
Juli. DNOF	12	10.00		121	21	129			
Sample ID: MB-72051	SampType: MBLK		Tes	tCode: EP	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: <b>72051</b>		F	RunNo: 93	3264				
Prep Date: 12/13/2022	Analysis Date: 12/14/	2022	5	SeqNo: 33	861858	Units: mg/K	g		
Analyte		PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 15								
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 12	10.00		120	21	129			
Sample ID: <b>MB-72058</b>	SampType: MBLK					8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: <b>72058</b>			RunNo: <b>93</b>					
Prep Date: 12/13/2022	Analysis Date: 12/14/	2022	\$	SeqNo: 33	361958	Units: mg/K	g		
Analyte		PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)  Motor Oil Range Organics (MRO)	ND 15 ND 50								
Surr: DNOP	8.3	10.00		82.6	21	129			
		_		_		-			

#### Qualifiers:

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

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## Hall Environmental Analysis Laboratory, Inc.

4.6

5.000

2212662 22-Dec-22

WO#:

Client: EOG

Project: Nicholas BJ Battery

Sample ID: LCS-72058	SampType: <b>LCS</b>	TestCode: EPA Method 80	015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 72058	RunNo: 93261					
Prep Date: 12/13/2022	Analysis Date: 12/14/2022	SeqNo: <b>3361959</b> L	Jnits: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	47 15 50.00	0 94.7 64.4	127				
Surr: DNOP	4.3 5.000	86.9 21	129				
Sample ID: <b>MB-72035</b>	ample ID: MB-72035 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 72035	RunNo: 93234					
Prep Date: 12/12/2022	Analysis Date: 12/13/2022	SeqNo: <b>3362506</b> U	Jnits: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	ND 15						
Motor Oil Range Organics (MRO)	ND 50						
Surr: DNOP	11 10.00	114 21	129				
Sample ID: LCS-72035	SampType: <b>LCS</b>	TestCode: EPA Method 80	015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 72035	RunNo: 93234					
Prep Date: 12/12/2022	Analysis Date: 12/13/2022	SeqNo: <b>3362507</b>	Jnits: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	46 15 50.00	0 92.0 64.4	127				

#### Qualifiers:

Surr: DNOP

- 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
- B Analyte detected in the associated Method Blank

92.5

21

129

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

2212662 22-Dec-22

WO#:

Client: EOG

**Project:** Nicholas BJ Battery

Project:	Nicholas BJ Batter	У								
Sample ID: Ics-720	013 Samp	Type: LCS		Tes	tCode: <b>EP</b>	A Method	8015D: Gasol	ine Range		
Client ID: LCSS	Bato	h ID: <b>7201</b> 3	3	F	RunNo: 93	227				
Prep Date: 12/12	/2022 Analysis	Date: <b>12/1</b> :	3/2022	9	SeqNo: 33	60943	Units: mg/K	g		
Analyte	Result	PQL S	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organio		5.0	25.00	0	100	72.3	137			
Surr: BFB	1800		1000		185	37.7	212			
Sample ID: mb-72	O13 Samp	Type: MBLI	K	Tes	tCode: EP	A Method	8015D: Gasol	ine Range		
Client ID: PBS	Bato	h ID: <b>7201</b> 3	3	F	RunNo: 93	3227				
Prep Date: 12/12	/2022 Analysis	Date: <b>12/1</b> :	3/2022	S	SeqNo: 33	60944	Units: mg/K	g		
Analyte	Result		SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organio Surr: BFB	s (GRO) ND 890	5.0	1000		89.2	37.7	212			
		_								
Sample ID: mb-72		Type: MBLI					8015D: Gasol	ine Range		
Client ID: PBS		th ID: <b>7202</b>		_	RunNo: 93		11.5			
Prep Date: 12/12	<b>/2022</b> Analysis	Date: <b>12/1</b> 4			SeqNo: 33		Units: mg/K	_		
Analyte	Result	PQL 5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organio Surr: BFB	s (GRO) ND 970	5.0	1000		96.8	37.7	212			
Comple ID: Ice 700	204 Comp	Tymor I CC		Too	Codo: ED	A Mathad	0045D: Cocol	in a Dan sa		
Sample ID: Ics-720	•	Type: <b>LCS</b> :h ID: <b>7202</b> 1	4		lcode. <b>EP</b> RunNo: <b>93</b>		8015D: Gasol	ine Kange		
Prep Date: 12/12		Date: <b>12/1</b> :			SeqNo: 33		Units: mg/K	a		
· .	·							_	DDDI imit	0
Analyte Gasoline Range Organic	Result (GRO) 26	PQL 5	SPK value 25.00	SPK Ref Val	%REC 102	LowLimit 72.3	HighLimit 137	%RPD	RPDLimit	Qual
Surr: BFB	2100		1000	-	214	37.7	212			S
Sample ID: MB-72	021 Samp	Type: MBLI	K	Tes	tCode: EP	A Method	8015D: Gasol	ine Range		
Client ID: PBS		th ID: <b>7202</b> 1			 RunNo: <b>93</b>					
Prep Date: 12/12	/2022 Analysis	Date: <b>12/1</b> :	3/2022	5	SeqNo: 33	62147	Units: mg/K	g		
Analyte	Result	PQL S	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organio		5.0					<u> </u>		•	
Surr: BFB	900		1000		89.6	37.7	212			
Sample ID: Ics-720	943 Samp	Type: LCS		Tes	tCode: <b>EP</b>	A Method	8015D: Gasol	ine Range		
Client ID: LCSS	Bato	h ID: <b>7204</b> 3	3	F	RunNo: 93	340				
Prep Date: 12/13	/2022 Analysis	Date: <b>12/1</b>	5/2022	9	SeqNo: 33	65082	Units: %Rec			
Analyte	Result	PQL S	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

#### Qualifiers:

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

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#### Hall Environmental Analysis Laboratory, Inc.

1000

WO#: **2212662 22-Dec-22** 

Client: EOG

Surr: BFB

**Project:** Nicholas BJ Battery

Sample ID: Ics-72043 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: LCSS Batch ID: 72043 RunNo: 93340

Prep Date: 12/13/2022 Analysis Date: 12/15/2022 SeqNo: 3365082 Units: %Rec

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Surr: BFB 2200 1000 216 37.7 212 S

Sample ID: mb-72043 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 72043 RunNo: 93340 Prep Date: 12/13/2022 Analysis Date: 12/15/2022 SeqNo: 3365083 Units: %Rec %REC %RPD **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val LowLimit HighLimit Qual

102

37.7

212

Sample ID: Ics-72025 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 72025 RunNo: 93340 Prep Date: Analysis Date: 12/15/2022 SeqNo: 3365094 Units: mg/Kg 12/12/2022 SPK value SPK Ref Val Analyte Result PQL %REC LowLimit HighLimit %RPD **RPDLimit** Qual

 Gasoline Range Organics (GRO)
 23
 5.0
 25.00
 0
 90.7
 72.3
 137

 Surr: BFB
 2100
 1000
 206
 37.7
 212

#### 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

2212662 22-Dec-22

WO#:

**Client:** EOG

**Project:** Nicholas BJ Battery

Sample ID: LCS-72013	Samp <sup>-</sup>	Type: <b>LC</b>	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: <b>72</b> 0	013	F	RunNo: 9:	3227				
Prep Date: 12/12/2022	Analysis [	Date: <b>12</b>	2/13/2022	5	SeqNo: 3	360272	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.0	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.4	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.4	70	130			
Sample ID: mb-72013	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: <b>72</b> 0	013	F	RunNo: 9:	3227				
Prep Date: 12/12/2022	Analysis [	Date: <b>12</b>	2/13/2022	5	SeqNo: 3	361141	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		87.9	70	130			
Sample ID: mb-72025	Samp <sup>-</sup>	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: <b>72</b> 0	025	F	RunNo: 9:	3213				
Prep Date: 12/12/2022	Analysis [	Date: <b>12</b>	2/14/2022	5	SeqNo: 3	361996	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
		0.020								

Surr: 4-Bromofluorobenzene	1.0	1.0 1.000			000 103 70 130					
Sample ID: MB-72021	Samp	Гуре: МЕ	BLK	Tes	tCode: <b>EF</b>	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	Batch ID: <b>72021</b>			RunNo: 9:	3213				
Prep Date: 12/12/2022	Analysis [	Analysis Date: 12/13/2022			SeqNo: <b>3362148</b> Units: <b>mg/</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		96.6	70	130			

#### Qualifiers:

Ethylbenzene Xylenes, Total

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

ND

ND

0.050

0.10

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

Result

1.1

PQL

WO#: **2212662 22-Dec-22** 

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: LCS-72021	SampT	Type: <b>LC</b> :	S	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch	h ID: <b>720</b>	)21	F	RunNo: 93	3213				
Prep Date: 12/12/2022	Analysis D	Date: <b>12</b>	/13/2022	5	SeqNo: 33	362149	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.5	80	120			
Toluene	0.99	0.050	1.000	0	99.2	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.3	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.9	70	130			
	SampType: LCS									
Sample ID: Ics-72043	Samp1	Гуре: LC	s	Tes	tCode: EF	PA Method	8021B: Volati	les		
Sample ID: Ics-72043 Client ID: LCSS	•	Гуре: <b>LC</b> : h ID: <b>720</b>			tCode: <b>EF</b> RunNo: <b>9</b> 3		8021B: Volati	les		
•	•	h ID: <b>720</b>	)43	F		3340	8021B: Volati Units: %Rec			
Client ID: LCSS	Batcl	h ID: <b>720</b>	)43	F	RunNo: 93	3340			RPDLimit	Qual
Client ID: LCSS Prep Date: 12/13/2022	Batcl Analysis D	h ID: <b>720</b> Date: <b>12</b>	)43 /15/2022	F	RunNo: 93	3340 365123	Units: %Rec	:	RPDLimit	Qual
Client ID: LCSS Prep Date: 12/13/2022 Analyte	Batcl Analysis I Result	h ID: <b>720</b> Date: <b>12</b>	<b>143 /15/2022</b> SPK value  1.000	F SPK Ref Val	RunNo: 93 SeqNo: 33 %REC 106	3340 365123 LowLimit 70	Units: %Rec	%RPD	RPDLimit	Qual
Client ID: LCSS Prep Date: 12/13/2022 Analyte Surr: 4-Bromofluorobenzene	Batcl Analysis E Result 1.1 Samp1	PQL	943 /15/2022 SPK value 1.000	SPK Ref Val	RunNo: 93 SeqNo: 33 %REC 106	3340 365123 LowLimit 70 PA Method	Units: <b>%Rec</b> HighLimit 130	%RPD	RPDLimit	Qual

Sample ID: Ics-72025	SampT	SampType: LCS			TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batcl	Batch ID: <b>72025</b>			RunNo: 93	3340				
Prep Date: 12/12/2022	Analysis D	Analysis Date: 12/15/2022			SeqNo: 3365135 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.4	80	120			
Toluene	0.99	0.050	1.000	0	98.8	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.6	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.5	80	120			
Surr: 4-Bromofluorobenzene	1.0	1.000			103	70	130			

SPK value SPK Ref Val

1.000

%REC

106

LowLimit

70

HighLimit

130

#### Qualifiers:

Analyte

Surr: 4-Bromofluorobenzene

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

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%RPD

**RPDLimit** 

Qual

#### Hall Environmental Analysis Laboratory, Inc.

WO#: **2212662 22-Dec-22** 

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: 2212662-022ams	Samp	SampType: MS4			TestCode: EPA Method 8260B: Volatiles Short List					
Client ID: B-51	Batcl	n ID: <b>720</b>	)20	F	RunNo: 93	3257				
Prep Date: 12/12/2022	Analysis [	alysis Date: 12/14/2022			SeqNo: 33	361514	Units: mg/K	(g		
Analyte	Result	esult PQL SPK value SPF			%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.025	0.9843	0	127	75.8	123			S
Toluene	1.1	0.049	0.9843	0.008366	107	68.3	130			
Ethylbenzene	1.0	0.049	0.9843	0	103	76.6	132			
Xylenes, Total	3.1	0.098	2.953	0	105	74.7	132			
Surr: 1,2-Dichloroethane-d4	0.49		0.4921		99.8	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.4921		93.0	70	130			
Surr: Dibromofluoromethane	0.57	0.57 0.4921			115	70	130			
Surr: Toluene-d8	0.50				102	70	130			

Sample ID: 2212662-022amsd	Samp <sup>-</sup>	Гуре: <b>м</b> S	D4	Tes	tCode: <b>EF</b>	PA Method	8260B: Volati	les Short I	List	
Client ID: B-51	Batc	h ID: <b>72</b> 0	)20	F	RunNo: 93					
Prep Date: 12/12/2022	Analysis [	Date: <b>12</b>	/14/2022	5	SeqNo: 33	861515	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.025	0.9940	0	128	75.8	123	1.75	20	S
Toluene	1.1	0.050	0.9940	0.008366	112	68.3	130	5.18	20	
Ethylbenzene	1.0	0.050	0.9940	0	105	76.6	132	3.03	20	
Xylenes, Total	3.3	0.099	2.982	0	110	74.7	132	5.97	20	
Surr: 1,2-Dichloroethane-d4	0.45		0.4970		91.2	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.48		0.4970		96.7	70	130	0	0	
Surr: Dibromofluoromethane	0.58		0.4970		117	70	130	0	0	
Surr: Toluene-d8	0.51		0.4970		102	70	130	0	0	

Sample ID: Ics-72020	SampType: LCS4			TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: BatchQC	Batcl	Batch ID: <b>72020</b>			RunNo: 93					
Prep Date: 12/12/2022	Analysis Date: 12/13/2022			5	SeqNo: 33	361534	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	113	80	120			
Toluene	1.2	0.050	1.000	0	117	80	120			
Ethylbenzene	1.1	0.050	1.000	0	108	80	120			
Xylenes, Total	3.3	0.10	3.000	0	110	80	120			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.4	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.2	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		109	70	130			
Surr: Toluene-d8	0.55		0.5000		110	70	130			

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

2212662 22-Dec-22

WO#:

Client: EOG

Project: Nicholas BJ Battery

Sample ID: mb-72020 Client ID: PBS	•	SampType: MBLK Batch ID: 72020			TestCode: <b>EPA Method 8260B: Volatiles She</b> RunNo: <b>93257</b>							
Prep Date: 12/12/2022	Analysis D	Analysis Date: 12/13/2022			SeqNo: <b>3361535</b>			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 1,2-Dichloroethane-d4	0.47		0.5000		94.8	70	130					
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.1	70	130					
Surr: Dibromofluoromethane	0.57		0.5000		113	70	130					
Surr: Toluene-d8	0.54		0.5000		108	70	130					

#### Qualifiers:

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

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#### Hall Environmental Analysis Laboratory, Inc.

2212662 22-Dec-22

WO#:

**Client:** EOG

**Project:** Nicholas BJ Battery

Sample ID: LCS-72020	SampT	ype: LC:	S	TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch	Batch ID: <b>72020</b>			RunNo: 93257					
Prep Date: 12/12/2022	Analysis D	Analysis Date: 12/13/2022			SeqNo: <b>3361454</b>			(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	70	130			
Surr: BFB	490	490 500.0			98.4	70	130			

Sample ID: mb-72020 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range Client ID: PBS Batch ID: 72020 RunNo: 93257 Prep Date: 12/12/2022 Analysis Date: 12/13/2022 SeqNo: 3361456 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) ND 5.0

Surr: BFB

470

500.0

93.9

70

130

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque. NM 87109

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

## Sample Log-In Check List

Released to Imaging: 5/4/2023 8:04:58 AM

				reosite. III	w.nauenvironmenu	ar.com		
Client Name:	EOG		Work	Order Num	ber: 2212662		RcptNo: 1	
Received By:	Tracy Cas	arrubias	12/10/2	022 8:20:00	) AM			
Completed By:	Tracy Cas	arrubias	12/10/2	022 9:25:4	5 AM			
Reviewed By:	-	2/10/22						
Chain of Cust								
1. Is Chain of Cu	stody comp	lete?			Yes 🗹	No 🗌	Not Present	
2. How was the s	ample deliv	ered?			Courier			
<u>Log In</u> 3. Was an attemp	ot made to d	cool the samp	les?		Yes 🗹	No 🗌	na 🗆	
4. Were all sample	es received	at a tempera	iture of >0° C	to 6.0°C	Yes 🗹	No 🗌	NA 🗀	
5. Sample(s) in p	roper conta	iner(s)?			Yes 🗸	No 🗆		
6. Sufficient samp	ole volume f	or indicated t	est(s)?		Yes 🗸	No 🗌		
7. Are samples (e	xcept VOA	and O <b>N</b> G) pr	operly preserve	ed?	Yes 🗹	No 🗌		
8. Was preservati	ve added to	bottles?			Yes 🗌	No 🗹	NA 🗆	
9. Received at lea	st 1 vial wit	h headspace	<1/4" for AQ V	OA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any sam	ple containe	ers received b	oroken?		Yes 🗌	No 🗹	# of preserved bottles checked	
11. Does paperwor (Note discrepa			)		Yes 🗹	No 🗆	for pH:	unless noted)
12. Are matrices co	rrectly iden	tified on Cha	n of Custody?		Yes 🗹	No 🗌	Adjusted?	
13. Is it clear what			!?		Yes 🗹	No 🗌	TIL	12 60/20
14. Were all holding (If no, notify cust)					Yes 🗹	No 🗌	Checked by: TML	12/10/22
Special Handli	ng (if app	licable)						
15. Was client not	fied of all di	screpancies	with this order?		Yes 🗌	No 🗌	NA 🗹	
Person N	lotified:		***	Date				
By Whor	n:			Via:	eMail	Phone 🗌 Fax	☐ In Person	
Regardin								
	structions:							
16. Additional rem	arks:							
17. Cooler Inform	Acres de la constante de la co							
Cooler No	Temp ⁰C 2.0	Condition	Seal Intact	Seal No	Seal Date	Signed By		
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1 of @ 3 Page 172 of 215

ANALYSIS LABORATORY HALL ENVIRONMENTAL 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 www.hallenvironmental.com **Analysis Request** Total Coliform (Present/Absent) (AOV-imaS) 07S8 (AOV) 09S8 NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub> Bt, NO3, Tel. 505-345-3975 RCRA 8 Metals PAHs by 8310 or 8270SIMS EDB (Method 504.1) 8081 Pesticides/8082 PCB's Remarks: TPH:8015D(GRO / DRO / MRO) MTBE / TMB's (8021) / X3T8 (၁ HEAL NO. Time MRush 48 hV Baltery 20 W. Kierdorf 003 88 900 1012 000 K) 00 200 COM 010 500 3 Preservative Nicholas B) Cooler Temp(Including CF): | 5375 M Yes Via: Type and # Type Turn-Around Time: Project Manager: Project Name: □ Standard # of Coolers: V 407 )41 Received by: Container Project #: Sampler: On Ice: □ Level 4 (Full Validation) Chain-of-Custody Record Client: 206 Artera /Ranger End Relinguished by: Sample Name B-30 6.33 8-35 B-34 8.33 6-31 0-34 8-37 3-40 6.38 8-39 11-8 □ Az Compliance Relinquished by: □ Other Matrix 5016 Mailing Address: 0221 QA/QC Package: Time 1221 9121 1727 Time: h121 3121 ☐ EDD (Type) 2021 1204 8021 3/21 17,04 email or Fax#: 2-8-2 1200 Accreditation: □ Standard □ NELAC Phone #: Date Date:

12/11/22

174-20 0817

Time:

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Chain	-of-CI	Chain-of-Custody Record	Turn-Around Time:	TATING COLUMN TO THE REAL PROPERTY OF THE PERTY OF THE PE
Client: PoC Artesia	Artes	12 / Pamor Ens	□ Standard \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ANALYSIS LABORATORY
		9	2	www.hallenvironmental.com
Mailing Address:	is:	\		4901 Hawkins NE - Albuquerque, NM 87109
	2	ナイトト	Project #:	Tel. 505-345-3975 Fax 505-345-4107
Phone #:			5365	Analysis Request
email or Fax#:			Project Manager:	*O\$
QA/QC Package:			W. Kiendalt	MS (Pr) Fire Signal (Pr) (Pr) (Pr) (Pr) (Pr) (Pr) (Pr) (Pr)
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Released 10 magny samples 2/4/2/1933 of Hall Environmental maybe subcontracted to other accrec

Received	by ocun	12/30/202.	Received by OCD: 12/30/2022 1:25:52 PMECOrd	Turn-Around Time:	Page 174 of 21.
Clien	Client: EOG-Artesia / Ranger Env.	tesia / Ra	anger Env.	Standard Rush 48-hV	ANALYSTS LABORATORY
and the state of t	enticologonics	chicated and the service of the committee of the service of the se	distribution of the contract o	Project Name:	www.hallenvironmental.com
Mailir	ng Address:	EOG - 10	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	N:Cholas Bs Battery	4901 Hawkins NE - Albuquerque, NM 87109
Rang	er: PO Box	201179, 4	Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Fax 505-345-4107
Phor	Phone #: 521-335-1785	335-1785			Analysis
emai	il or Fax#:	Will@Rar	email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	(((
QA/Q	QA/QC Package:				NRC
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eived by OCD: 12/30/2022 1:25:52 PM/ecord	-uin-Around -me.	Page 175 of 21.
Client: EOG-Artesia / Ranger Env.	Standard Rush 48- hr	ANAL SOTO LABODATODO
	1	AIMALISTS LABORATOR!
Mailing Address: FOG - 105 S 4th St Artesia NM 88210	* Nicholas Battery	environmental.com 7 o f
	1	4901 Hawkins NE - Albuquerque, NM 87109
Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Tel. 505-345-3975 Fax 505-345-4107
Phone #: 521-335-1785		Analysis Request
email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	(((
QA/QC Package:		OAN
■ Standard □ Level 4 (Full Validation)		W/C
Accreditation:   Az Compliance	Sampler: A Justine 7	(00)
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Date Time Matrix Sample Name	# Type 32	HdT
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I necessary samples schmitted to hall Environmental may be a	subcontracted to other accredited aboratories. This satures a notice of t	this obseiblity. Any sub-contrarted data will be clearly notated on the snaturation.

ived by C	9CD: 1.	2/30/202	rived by OCD: 12/30/2022 1:25:52 PM ecord	Turn-Around Time:	Page 176 of 21
Client: El	OG-Art	tesia / Ra	Client: EOG-Artesia / Ranger Env.	Standard Rush 48 hr	ANAI YSTS I ABORATORY
чений проделений и проделений и проделений и проделений и проборя проделений и проборя проделений и проделен	And the first of t			Project Name:	www.hallenvironmental.com
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*	00000000	to amenda o	due at a Lot Louise and a lot of battering	A Company of the second of the	this constitution. Assessed and really has also also been been been been been

Page 177 of 215 P @ +07 **ANALYSIS LABORATORY** HALL ENVIRONMENTAL 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 www.hallenvironmental.com **Analysis Request** Remarks: Bill to EOG Artesia Tel. 505-345-3975 Chloride (EPA 300) X ED(GRO / DRO / MRO) 9 7 BTEX (8021) X Cooler Tempinauding CF): 1.9 to 1 = 2.0" 20 Nicholas BJ Battery 惡 HEAL No. Standard Rush 48-hr 2/6/23 12/10/20 <u>ه</u> Sampler: 4 - Martines 699 790 690 990 690 790 3 Project Manager: W. Kierdorf Preservative 106 MMMMMM. Type Turn-Around Time: Project #: 5375 1x 402 Der # of Coolers: Type and # Container Received by: 4 ☐ Level 4 (Full Validation) Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210 Received by OCD: 12/30/2022 4:25:52 PM @COrd Time Matrix Sample Name Martines/ B 10-3 R-2 B10-2 8-18 10-18 Ranger: PO Box 201179, Austin TX 78720 email or Fax#: Will@RangerEnv.com Ri ☐ Az Compliance Client: EOG-Artesia / Ranger Env. □ Other 38 Phone #: 521-335-1785 02) 20/4/21 15.08 15 10 15 04 1512 1453 150g QA/QC Package: 0541 72-9-81 3051 15 GÝ 29.20 0838 EDD (Type) Accreditation: Standard Standard M NELAC Date f

motice of this possibility. Any sub-contracted data will be clearly notated on the analytical repo If necessary, samples submitted to Hall Environmental may be



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

December 29, 2022

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX

RE: Nicholas BJ Battery OrderNo.: 2212C87

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 15 sample(s) on 12/22/2022 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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

#### **Analytical Report**

Lab Order 2212C87

Date Reported: 12/29/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-15A

 Project:
 Nicholas BJ Battery
 Collection Date: 12/20/2022 10:00:00 AM

 Lab ID:
 2212C87-001
 Matrix: SOIL
 Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	ND	60	mg/Kg	20	12/23/2022 3:36:59 PM 72303
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 12:39:24 PM 72317
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/28/2022 12:39:24 PM 72317
Surr: DNOP	129	21-129	%Rec	1	12/28/2022 12:39:24 PM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/24/2022 2:54:00 AM 72270
Surr: BFB	81.5	37.7-212	%Rec	1	12/24/2022 2:54:00 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/24/2022 2:54:00 AM 72270
Toluene	ND	0.049	mg/Kg	1	12/24/2022 2:54:00 AM 72270
Ethylbenzene	ND	0.049	mg/Kg	1	12/24/2022 2:54:00 AM 72270
Xylenes, Total	ND	0.097	mg/Kg	1	12/24/2022 2:54:00 AM 72270
Surr: 4-Bromofluorobenzene	81.7	70-130	%Rec	1	12/24/2022 2:54:00 AM 72270

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

Page 1 of 19

#### **Analytical Report**

Lab Order 2212C87

Date Reported: 12/29/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: W-17A

Project: Nicholas BJ Battery **Collection Date:** 12/20/2022 10:02:00 AM 2212C87-002 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	ND	60	mg/Kg	20	12/23/2022 3:49:20 PM 72303
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 10:37:10 AM 72317
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/28/2022 10:37:10 AM 72317
Surr: DNOP	101	21-129	%Rec	1	12/28/2022 10:37:10 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/24/2022 4:03:01 AM 72270
Surr: BFB	82.3	37.7-212	%Rec	1	12/24/2022 4:03:01 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/24/2022 4:03:01 AM 72270
Toluene	ND	0.049	mg/Kg	1	12/24/2022 4:03:01 AM 72270
Ethylbenzene	ND	0.049	mg/Kg	1	12/24/2022 4:03:01 AM 72270
Xylenes, Total	ND	0.097	mg/Kg	1	12/24/2022 4:03:01 AM 72270
Surr: 4-Bromofluorobenzene	83.9	70-130	%Rec	1	12/24/2022 4:03:01 AM 72270

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 standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

Page 2 of 19

Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B-29A

 Project:
 Nicholas BJ Battery
 Collection Date: 12/20/2022 10:04:00 AM

 Lab ID:
 2212C87-003
 Matrix: SOIL
 Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	1300	60	mg/Kg	20	12/23/2022 4:01:41 PM	72303
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	12/28/2022 9:40:33 AM	72317
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	12/28/2022 9:40:33 AM	72317
Surr: DNOP	126	21-129	%Rec	1	12/28/2022 9:40:33 AM	72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/24/2022 5:11:53 AM	72270
Surr: BFB	81.2	37.7-212	%Rec	1	12/24/2022 5:11:53 AM	72270
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	12/24/2022 5:11:53 AM	72270
Toluene	ND	0.048	mg/Kg	1	12/24/2022 5:11:53 AM	72270
Ethylbenzene	ND	0.048	mg/Kg	1	12/24/2022 5:11:53 AM	72270
Xylenes, Total	ND	0.097	mg/Kg	1	12/24/2022 5:11:53 AM	72270
Surr: 4-Bromofluorobenzene	82.4	70-130	%Rec	1	12/24/2022 5:11:53 AM	72270

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

Page 3 of 19

Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: W-4A

 Project:
 Nicholas BJ Battery
 Collection Date: 12/20/2022 1:40:00 PM

 Lab ID:
 2212C87-004
 Matrix: SOIL
 Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	230	60	mg/Kg	20	12/23/2022 4:14:02 PM	72303
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 9:54:09 AM	72317
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/28/2022 9:54:09 AM	72317
Surr: DNOP	123	21-129	%Rec	1	12/28/2022 9:54:09 AM	72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/24/2022 5:34:48 AM	72270
Surr: BFB	80.9	37.7-212	%Rec	1	12/24/2022 5:34:48 AM	72270
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	12/24/2022 5:34:48 AM	72270
Toluene	ND	0.050	mg/Kg	1	12/24/2022 5:34:48 AM	72270
Ethylbenzene	ND	0.050	mg/Kg	1	12/24/2022 5:34:48 AM	72270
Xylenes, Total	ND	0.099	mg/Kg	1	12/24/2022 5:34:48 AM	72270
Surr: 4-Bromofluorobenzene	82.8	70-130	%Rec	1	12/24/2022 5:34:48 AM	72270

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

Page 4 of 19

Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: W-8A

Project: Nicholas BJ Battery **Collection Date:** 12/20/2022 3:20:00 PM 2212C87-005 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	12/23/2022 4:26:23 PM	72303
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 1:03:12 PM	72317
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/28/2022 1:03:12 PM	72317
Surr: DNOP	115	21-129	%Rec	1	12/28/2022 1:03:12 PM	72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/24/2022 5:57:46 AM	72270
Surr: BFB	78.9	37.7-212	%Rec	1	12/24/2022 5:57:46 AM	72270
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	12/24/2022 5:57:46 AM	72270
Toluene	ND	0.049	mg/Kg	1	12/24/2022 5:57:46 AM	72270
Ethylbenzene	ND	0.049	mg/Kg	1	12/24/2022 5:57:46 AM	72270
Xylenes, Total	ND	0.099	mg/Kg	1	12/24/2022 5:57:46 AM	72270
Surr: 4-Bromofluorobenzene	80.8	70-130	%Rec	1	12/24/2022 5:57:46 AM	72270

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 standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: W-9A

Project: Nicholas BJ Battery **Collection Date:** 12/20/2022 1:44:00 PM 2212C87-006 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>JTT</b>
Chloride	390	60	mg/Kg	20	12/23/2022 4:38:45 PM 72303
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 10:08:31 AM 72317
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/28/2022 10:08:31 AM 72317
Surr: DNOP	108	21-129	%Rec	1	12/28/2022 10:08:31 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/24/2022 6:20:42 AM 72270
Surr: BFB	80.1	37.7-212	%Rec	1	12/24/2022 6:20:42 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: <b>NSB</b>
Benzene	ND	0.024	mg/Kg	1	12/24/2022 6:20:42 AM 72270
Toluene	ND	0.048	mg/Kg	1	12/24/2022 6:20:42 AM 72270
Ethylbenzene	ND	0.048	mg/Kg	1	12/24/2022 6:20:42 AM 72270
Xylenes, Total	ND	0.097	mg/Kg	1	12/24/2022 6:20:42 AM 72270
Surr: 4-Bromofluorobenzene	82.4	70-130	%Rec	1	12/24/2022 6:20:42 AM 72270

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: B10-1A

**Project:** Nicholas BJ Battery **Collection Date:** 12/20/2022 2:00:00 PM 2212C87-007 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	13000	600	mg/Kg	200	12/27/2022 6:01:25 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	160	14	mg/Kg	1	12/29/2022 11:48:44 AM 72317
Motor Oil Range Organics (MRO)	76	48	mg/Kg	1	12/29/2022 11:48:44 AM 72317
Surr: DNOP	110	21-129	%Rec	1	12/29/2022 11:48:44 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	12/24/2022 6:43:41 AM 72270
Surr: BFB	81.5	37.7-212	%Rec	5	12/24/2022 6:43:41 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.12	mg/Kg	5	12/24/2022 6:43:41 AM 72270
Toluene	ND	0.25	mg/Kg	5	12/24/2022 6:43:41 AM 72270
Ethylbenzene	ND	0.25	mg/Kg	5	12/24/2022 6:43:41 AM 72270
Xylenes, Total	ND	0.49	mg/Kg	5	12/24/2022 6:43:41 AM 72270
Surr: 4-Bromofluorobenzene	82.4	70-130	%Rec	5	12/24/2022 6:43:41 AM 72270

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: B10-2A

 Project:
 Nicholas BJ Battery
 Collection Date: 12/20/2022 2:02:00 PM

 Lab ID:
 2212C87-008
 Matrix: SOIL
 Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	11000	590	mg/Kg	200	12/27/2022 6:38:38 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	20	14	mg/Kg	1	12/28/2022 10:22:22 AM 72317
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/28/2022 10:22:22 AM 72317
Surr: DNOP	102	21-129	%Rec	1	12/28/2022 10:22:22 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/24/2022 7:06:38 AM 72270
Surr: BFB	80.4	37.7-212	%Rec	1	12/24/2022 7:06:38 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/24/2022 7:06:38 AM 72270
Toluene	ND	0.048	mg/Kg	1	12/24/2022 7:06:38 AM 72270
Ethylbenzene	ND	0.048	mg/Kg	1	12/24/2022 7:06:38 AM 72270
Xylenes, Total	ND	0.096	mg/Kg	1	12/24/2022 7:06:38 AM 72270
Surr: 4-Bromofluorobenzene	82.5	70-130	%Rec	1	12/24/2022 7:06:38 AM 72270

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

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: 10-1W

 Project:
 Nicholas BJ Battery
 Collection Date: 12/20/2022 4:00:00 PM

 Lab ID:
 2212C87-009
 Matrix: SOIL
 Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>NAI</b>
Chloride	2600	150	mg/Kg	50	12/27/2022 6:51:02 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/28/2022 10:36:25 AM 72317
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/28/2022 10:36:25 AM 72317
Surr: DNOP	105	21-129	%Rec	1	12/28/2022 10:36:25 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/24/2022 7:29:34 AM 72270
Surr: BFB	79.8	37.7-212	%Rec	1	12/24/2022 7:29:34 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	12/24/2022 7:29:34 AM 72270
Toluene	ND	0.049	mg/Kg	1	12/24/2022 7:29:34 AM 72270
Ethylbenzene	ND	0.049	mg/Kg	1	12/24/2022 7:29:34 AM 72270
Xylenes, Total	ND	0.098	mg/Kg	1	12/24/2022 7:29:34 AM 72270
Surr: 4-Bromofluorobenzene	82.2	70-130	%Rec	1	12/24/2022 7:29:34 AM 72270

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

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: 10-1E

Project: Nicholas BJ Battery Collection Date: 12/20/2022 4:02:00 PM 2212C87-010 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>NAI</b>
Chloride	8700	300	mg/Kg	100	0 12/27/2022 7:03:26 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 10:50:51 AM 72317
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/28/2022 10:50:51 AM 72317
Surr: DNOP	104	21-129	%Rec	1	12/28/2022 10:50:51 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/24/2022 9:01:30 AM 72270
Surr: BFB	78.9	37.7-212	%Rec	1	12/24/2022 9:01:30 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	12/24/2022 9:01:30 AM 72270
Toluene	ND	0.049	mg/Kg	1	12/24/2022 9:01:30 AM 72270
Ethylbenzene	ND	0.049	mg/Kg	1	12/24/2022 9:01:30 AM 72270
Xylenes, Total	ND	0.099	mg/Kg	1	12/24/2022 9:01:30 AM 72270
Surr: 4-Bromofluorobenzene	81.4	70-130	%Rec	1	12/24/2022 9:01:30 AM 72270

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: 10-4E1

**Collection Date:** 12/20/2022 4:04:00 PM Project: Nicholas BJ Battery 2212C87-011 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	3300	150	mg/Kg	50	12/27/2022 7:15:50 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	12/28/2022 11:04:33 AM 72317
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	12/28/2022 11:04:33 AM 72317
Surr: DNOP	104	21-129	%Rec	1	12/28/2022 11:04:33 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/24/2022 9:24:29 AM 72270
Surr: BFB	81.9	37.7-212	%Rec	1	12/24/2022 9:24:29 AM 72270
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/24/2022 9:24:29 AM 72270
Toluene	ND	0.048	mg/Kg	1	12/24/2022 9:24:29 AM 72270
Ethylbenzene	ND	0.048	mg/Kg	1	12/24/2022 9:24:29 AM 72270
Xylenes, Total	ND	0.097	mg/Kg	1	12/24/2022 9:24:29 AM 72270
Surr: 4-Bromofluorobenzene	83.7	70-130	%Rec	1	12/24/2022 9:24:29 AM 72270

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: 10-4E2

 Project:
 Nicholas BJ Battery
 Collection Date: 12/20/2022 4:06:00 PM

 Lab ID:
 2212C87-012
 Matrix: SOIL
 Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>NAI</b>
Chloride	3000	150	mg/Kg	50	12/27/2022 7:28:15 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 11:18:21 AM 72317
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	12/28/2022 11:18:21 AM 72317
Surr: DNOP	106	21-129	%Rec	1	12/28/2022 11:18:21 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/24/2022 9:47:30 AM 72270
Surr: BFB	80.9	37.7-212	%Rec	1	12/24/2022 9:47:30 AM 72270
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/24/2022 9:47:30 AM 72270
Toluene	ND	0.048	mg/Kg	1	12/24/2022 9:47:30 AM 72270
Ethylbenzene	ND	0.048	mg/Kg	1	12/24/2022 9:47:30 AM 72270
Xylenes, Total	ND	0.097	mg/Kg	1	12/24/2022 9:47:30 AM 72270
Surr: 4-Bromofluorobenzene	82.3	70-130	%Rec	1	12/24/2022 9:47:30 AM 72270

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: 10-4E 3

**Collection Date:** 12/20/2022 4:08:00 PM Project: Nicholas BJ Battery 2212C87-013 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	3200	150	mg/Kg	50	12/27/2022 7:40:39 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/28/2022 11:32:09 AM 72317
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/28/2022 11:32:09 AM 72317
Surr: DNOP	106	21-129	%Rec	1	12/28/2022 11:32:09 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/24/2022 10:10:35 AM 72270
Surr: BFB	81.2	37.7-212	%Rec	1	12/24/2022 10:10:35 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	12/24/2022 10:10:35 AM 72270
Toluene	ND	0.048	mg/Kg	1	12/24/2022 10:10:35 AM 72270
Ethylbenzene	ND	0.048	mg/Kg	1	12/24/2022 10:10:35 AM 72270
Xylenes, Total	ND	0.097	mg/Kg	1	12/24/2022 10:10:35 AM 72270
Surr: 4-Bromofluorobenzene	83.0	70-130	%Rec	1	12/24/2022 10:10:35 AM 72270

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: 10-5/1

**Collection Date:** 12/20/2022 4:10:00 PM Project: Nicholas BJ Battery 2212C87-014 Received Date: 12/22/2022 7:20:00 AM Lab ID: Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>NAI</b>
Chloride	2300	150	mg/Kg	50	12/27/2022 7:53:03 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 11:51:32 AM 72317
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/28/2022 11:51:32 AM 72317
Surr: DNOP	97.6	21-129	%Rec	1	12/28/2022 11:51:32 AM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/24/2022 10:33:40 AM 72270
Surr: BFB	81.0	37.7-212	%Rec	1	12/24/2022 10:33:40 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	12/24/2022 10:33:40 AM 72270
Toluene	ND	0.049	mg/Kg	1	12/24/2022 10:33:40 AM 72270
Ethylbenzene	ND	0.049	mg/Kg	1	12/24/2022 10:33:40 AM 72270
Xylenes, Total	ND	0.098	mg/Kg	1	12/24/2022 10:33:40 AM 72270
Surr: 4-Bromofluorobenzene	83.0	70-130	%Rec	1	12/24/2022 10:33:40 AM 72270

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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Lab Order 2212C87

Date Reported: 12/29/2022

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG** Client Sample ID: 10-5/2

Project: Nicholas BJ Battery **Collection Date:** 12/20/2022 4:12:00 PM 2212C87-015 Lab ID: Matrix: SOIL Received Date: 12/22/2022 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	2300	150	mg/Kg	50	12/27/2022 8:05:27 PM 72304
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	12/28/2022 12:15:23 PM 72317
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/28/2022 12:15:23 PM 72317
Surr: DNOP	103	21-129	%Rec	1	12/28/2022 12:15:23 PM 72317
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/24/2022 10:56:52 AM 72270
Surr: BFB	83.2	37.7-212	%Rec	1	12/24/2022 10:56:52 AM 72270
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	12/24/2022 10:56:52 AM 72270
Toluene	ND	0.050	mg/Kg	1	12/24/2022 10:56:52 AM 72270
Ethylbenzene	ND	0.050	mg/Kg	1	12/24/2022 10:56:52 AM 72270
Xylenes, Total	ND	0.099	mg/Kg	1	12/24/2022 10:56:52 AM 72270
Surr: 4-Bromofluorobenzene	84.5	70-130	%Rec	1	12/24/2022 10:56:52 AM 72270

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
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

2212C87 29-Dec-22

WO#:

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: MB-72303 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72303 RunNo: 93531

Prep Date: 12/23/2022 Analysis Date: 12/23/2022 SeqNo: 3374702 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-72303 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72303 RunNo: 93531

Prep Date: 12/23/2022 Analysis Date: 12/23/2022 SeqNo: 3374703 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 97.1 90 110

Sample ID: MB-72304 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 72304 RunNo: 93532

Prep Date: 12/23/2022 Analysis Date: 12/23/2022 SeqNo: 3374832 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-72304 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 72304 RunNo: 93532

Prep Date: 12/23/2022 Analysis Date: 12/23/2022 SeqNo: 3374833 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.9 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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

2212C87 29-Dec-22

WO#:

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: MB-72317 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 72317 RunNo: 93579

Prep Date: 12/27/2022 Analysis Date: 12/28/2022 SeqNo: 3376399 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 15
Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 9.9 10.00 98.9 21 129

Sample ID: LCS-72317 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 72317 RunNo: 93579

Prep Date: 12/27/2022 Analysis Date: 12/28/2022 SeqNo: 3376400 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 57
 15
 50.00
 0
 115
 64.4
 127

 Surr: DNOP
 4.8
 5.000
 96.0
 21
 129

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

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2212C87 29-Dec-22** 

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: R93539 RunNo: 93539

Prep Date: Analysis Date: 12/23/2022 SeqNo: 3374535 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 860 1000 86.2 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: R93539 RunNo: 93539

Prep Date: Analysis Date: 12/23/2022 SeqNo: 3374536 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: BFB 1800 1000 181 37.7 212

Sample ID: mb-72270 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 72270 RunNo: 93539

Prep Date: 12/22/2022 Analysis Date: 12/24/2022 SeqNo: 3374558 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 820 1000 81.8 37.7 212

Sample ID: LCS-72270 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 72270 RunNo: 93539

Prep Date: 12/22/2022 Analysis Date: 12/24/2022 SeqNo: 3374559 Units: mq/Kq

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 24
 5.0
 25.00
 0
 97.3
 72.3
 137

 Surr: BFB
 1800
 1000
 175
 37.7
 212

#### 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

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

WO#: 2212C87 29-Dec-22

**Client:** EOG

**Project:** Nicholas BJ Battery

Sample ID: mb SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: **R93539** RunNo: 93539

Prep Date: Analysis Date: 12/23/2022 SeqNo: 3374633 Units: %Rec

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result %REC LowLimit HighLimit Qual

87.5 Surr: 4-Bromofluorobenzene 0.88 1.000 70 130

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: R93539 RunNo: 93539

Prep Date: Analysis Date: 12/23/2022 SeqNo: 3374634 Units: %Rec

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual

Surr: 4-Bromofluorobenzene 0.87 1.000 87.3 130

Sample ID: mb-72270 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 72270 RunNo: 93539 Prep Date: 12/22/2022 Analysis Date: 12/24/2022 SeqNo: 3374658 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result ND 0.025 Benzene ND 0.050 Toluene

Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

Sample ID: Ics-72270

Surr: 4-Bromofluorobenzene 0.82 1.000 82.3 70 130

SampType: LCS Client ID: LCSS Batch ID: 72270 RunNo: 93539

SeqNo: 3374659

Prep Date: 12/22/2022 Analysis Date: 12/24/2022 Units: mg/Kg LowLimit Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Benzene 0.87 0.025 1.000 0 87.3 80 120 0.050 1.000 0 88.6 80 120 Toluene 0.89 Ethylbenzene 0.87 0.050 1.000 0 87.4 80 120 Xylenes, Total 2.6 0.10 3.000 0 86.9 80 120 Surr: 4-Bromofluorobenzene 0.85 1.000 85.3 70 130

TestCode: EPA Method 8021B: Volatiles

#### Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

POL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank

Е Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 19 of 19

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque. NM 87109

Sample Log-In Check List

Released to Imaging: 5/4/2023 8:04:58 AM

TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Client Name: EOG Wo	rk Order Number: 2212C87		RcptNo: 1
Received By: Cheyenne Cason 12/22	/2022 7:20:00 AM	Chenl	
Completed By: Tracy Casarrubias 12/22	/2022 7:43:29 AM		
Reviewed By: KPG 12.22.3	7		
Chain of Custody			
1. Is Chain of Custody complete?	Yes 🗹	No 🗌	Not Present
2. How was the sample delivered?	Courier		
Log In  3. Was an attempt made to cool the samples?	Yes <b>✓</b>	No 🗌	na 🗆
4. Were all samples received at a temperature of >0°	C to 6.0°C Yes ✓	No 🗌	na 🗆
5. Sample(s) in proper container(s)?	Yes 🗹	No 🗌	
6. Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗌	
7. Are samples (except VOA and ONG) properly prese	ved? Yes 🗹	No 🗌	
8. Was preservative added to bottles?	Yes 🗌	No 🗹	NA 🗆
9. Received at least 1 vial with headspace <1/4" for AC	VOA? Yes	No 🗌	na 🗹
10. Were any sample containers received broken?	Yes 🗌	No 🗹	# of preserved bottles checked
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗹	No 🗌	for pH: (<2 or >12 unless noted
2. Are matrices correctly identified on Chain of Custody	? Yes ✓	No 🗌	Adjusted?
3. Is it clear what analyses were requested?	Yes 🗹	No 🗌	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗹	No 🗆	Checked by: Jairlin hi
Special Handling (if applicable)			
15. Was client notified of all discrepancies with this order	r? Yes 🗆	No 🗌	NA 🗹
Person Notified:	Date:		
By Whom:	Via: ☐ eMail ☐ l	Phone 🔲 Fax	☐ In Person
Regarding:			
Client Instructions:			
16. Additional remarks:			
17. Cooler Information	0		
Cooler No Temp °C Condition Seal Intac	Seal No Seal Date	Signed By	

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**ANALYSIS LABORATORY** HALL ENVIRONMENTAL 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 www.hallenvironmental.com **Analysis Request** Remarks: Bill to EOG Artesia Tel. 505-345-3975 (O0E A93) ebinoldC (PH:8015D(GRO / DRO / MRO) (1508) X3T8 8 12/20/20 0720 Z HEAL No. 3-02 1.3 3312C87 Nicholas BJ Battery Rush 48 hour 12/4/20 300 500 500 8 200 907 200 200 200 010 õ 3 Martiner Project Manager: W. Kierdorf Preservative Cooler Temp(Including CF): 1CE Se Yes Type Via: Turn-Around Time: Magary Project #: 5375 Project Name: Container Type and # x 402 Jar □ Standard # of Coolers: Received by: She Sampler: On Ice: □ Level 4 (Full Validation) Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210 Bose 310-14 Received by CCD 12/30/2021 1:25:52 PM Record Matrix | Sample Name A11-3 451-3 B10-2A B-29 A - Butiel 10-461 10-4E2 10-1E 47-3 W-94 W-84 Ranger: PO Box 201179, Austin TX 78720 email or Fax#: Will@RangerEnv.com □ Az Compliance Pales 1900 acc Client: EOG-Artesia / Ranger Env. RelingMished by: Relinquished by: □ Other Excel Phone #: 521-335-1785 1:05 Date Time 1000 1344 1600 9091 QA/QC Package: 000 H091 ■ EDD (Type) 0461 1530 1400 1607 400 846 Accreditation: Time: Time: Standard ■ NELAC 12-22-21 12-10-24 Date

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

ceived by OCD: 12/	Received by OCD: 12/30/2022 1:25:52 PM	Turn-Around Time:	Page 200 of.
Client: EOG-Artesia / Ranger Env.	sia / Ranger Env.	Standard Rush 4% how	HALL ENVIRONMENTAL
			ANALTSIS LABORALORY
Mailing Address: Et	Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210	Vicholas BJ Battery	www.nallenVironmental.com
Ranger: PO Box 20	Ranger: PO Box 201179, Austin TX 78720	Project #: 5375	Tel. 505-345-3975 Fax 505-345-4107
Phone #: 521-335-1785	5-1785		Inal
email or Fax#: W	email or Fax#: Will@RangerEnv.com	Project Manager: W. Kierdorf	
QA/QC Package:  Standard	☐ Level 4 (Full Validation)		ОЯМ /
l	☐ Az Compliance	Sampler: A. Martinez	
/pe)	Excel	olers: (	ояє
		Cooler Temp(Including CF): [ 3 -0 - 1.3	)DSI
Date Time	Matrix Sample Name	Container Preservative Type and # Type	TPH:80°
Soul 25-05-21	Soil 10-4E3		×
Olal	7/9-0/		
-E191 T	L 10-05/2	510 + +	7
Date: Time: R	Relinquished by:	Vis: Date Time	Remarks: Bill to EOG Artesia
	Relikquished by:		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Meller)	PM Com 12/22	

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



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

December 29, 2022

Will Kierdorf
EOG
105 South Fourth Street
Artesia, NM 88210
TEL:
FAX:

RE: Nicholas BJ Battery OrderNo.: 2212D33

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/23/2022 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 Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

**CLIENT: EOG** 

# **Analytical Report**

Lab Order **2212D33**Date Reported: **12/29/2022** 

# Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: B-84

**Project:** Nicholas BJ Battery Collection Date: 12/22/2022 8:40:00 AM

**Lab ID:** 2212D33-001 **Matrix:** MEOH (SOIL) **Received Date:** 12/23/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	2400	150	mg/Kg	50	12/28/2022 11:37:20 AM	72329
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/27/2022 3:11:21 PM	72321
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/27/2022 3:11:21 PM	72321
Surr: DNOP	114	21-129	%Rec	1	12/27/2022 3:11:21 PM	72321
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	6.1	mg/Kg	1	12/23/2022 6:23:23 PM	R93539
Surr: BFB	88.5	37.7-212	%Rec	1	12/23/2022 6:23:23 PM	R93539
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.030	mg/Kg	1	12/23/2022 6:23:23 PM	R93539
Toluene	ND	0.061	mg/Kg	1	12/23/2022 6:23:23 PM	R93539
Ethylbenzene	ND	0.061	mg/Kg	1	12/23/2022 6:23:23 PM	R93539
Xylenes, Total	ND	0.12	mg/Kg	1	12/23/2022 6:23:23 PM	R93539
Surr: 4-Bromofluorobenzene	88.3	70-130	%Rec	1	12/23/2022 6:23:23 PM	R93539

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 4

## Hall Environmental Analysis Laboratory, Inc.

2212D33 29-Dec-22

WO#:

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: <b>MB-72321</b>	SampT	уре: МВ	LK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	i ID: <b>72</b> 3	321	F	RunNo: 93	3548				
Prep Date: 12/27/2022	Analysis D	ate: <b>12</b>	/27/2022	5	SeqNo: 33	375072	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.9		10.00		99.3	21	129			

Sample ID: LCS-72321 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 72321 RunNo: 93548 Prep Date: 12/27/2022 Analysis Date: 12/27/2022 SeqNo: 3375073 Units: mg/Kg Analyte SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Diesel Range Organics (DRO)	44	15	50.00	0	88.2	64.4	127
Surr: DNOP	4.8		5.000		95.2	21	129

#### 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 4

## Hall Environmental Analysis Laboratory, Inc.

WO#: **2212D33 29-Dec-22** 

Client: EOG

Surr: BFB

**Project:** Nicholas BJ Battery

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: R93539 RunNo: 93539

Prep Date: Analysis Date: 12/23/2022 SeqNo: 3374535 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 860 1000 86.2 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: LCSS Batch ID: R93539 RunNo: 93539

1800

Prep Date: Analysis Date: 12/23/2022 SeqNo: 3374536 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 101 72.3 137

181

37.7

212

#### 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 4

# Hall Environmental Analysis Laboratory, Inc.

2212D33 29-Dec-22

WO#:

Client: EOG

**Project:** Nicholas BJ Battery

Sample ID: mb	SampT	ype: <b>ME</b>	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch	1D: <b>R9</b>	3539	F	RunNo: 93	3539				
Prep Date:	Analysis D	ate: 12	/23/2022	9	SeqNo: 33	374633	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Taliana	ND	0.050								

 Betizefile
 ND
 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

Surr: 4-Bromofluorobenzene 0.88 1.000 87.5 70 130

Sample ID: 100ng btex Ics	Samp <sup>-</sup>	Туре: <b>LC</b>	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: <b>R9</b>	3539	F	RunNo: 9	3539				
Prep Date:	Analysis [	Date: <b>12</b>	/23/2022	5	SeqNo: 3	374634	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val %REC LowLimit		HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.92	0.025	1.000	0	91.6	80	120			
Toluene	0.94	0.050	1.000	0	93.5	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.5	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.3	70	130			

#### Qualifiers:

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

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Hall Environmental Analysis Laboratory 4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

# Sample Log-In Check List

Released to Imaging: 5/4/2023 8:04:58 AM

Client Name: EOG	Work Order	Number: 2212	2D33		RcptNo:	1
Received By: Isaiah Ortiz	12/23/2022 8:	00:00 AM		ILC	4	
Completed By: Isaigh Ortiz	12/23/2022 8:	53:53 AM		エーC	)_{	
Reviewed By: 17-73-72						
Chain of Custody						
1. Is Chain of Custody complete?		Yes	✓	No 🗌	Not Present	
2. How was the sample delivered?		Cou	rier			
Log In				_		
3. Was an attempt made to cool the sa	mples?	Yes	$\checkmark$	No 🗌	NA 🗆	
4. Were all samples received at a temp	erature of >0° C to 6.0°	C Yes	V	No 🗆	NA 🗆	
5. Sample(s) in proper container(s)?		Yes	<b>✓</b>	No 🗌		
6. Sufficient sample volume for indicate	d test(s)?	Yes	<b>V</b>	No 🗆		
7. Are samples (except VOA and ONG)	properly preserved?	Yes	<b>✓</b>	No 🗌		
8. Was preservative added to bottles?		Yes		No 🗹	NA 🗆	
9. Received at least 1 vial with headspa	ce <1/4" for AQ VOA?	Yes		No 🗆	NA 🗹	
10. Were any sample containers receive	d broken?	Yes		No 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custo		Yes	<b>V</b>	No 🗆	bottles checked for pH:	12 unless noted)
12. Are matrices correctly identified on C	**	Yes	~	No 🗆	Adjusted?	,
13. Is it clear what analyses were reques	•		<b>✓</b>	No □		
14. Were all holding times able to be me			<b>✓</b>	No 📮	Checked by:	( 12/23/2
(If no, notify customer for authorization	n.)					
Special Handling (if applicable)						
15. Was client notified of all discrepance	es with this order?	Yes		No 🗌	NA 🗹	
Person Notified:		Date:				
By Whom:		Via:	ail 🔲 F	Phone  Fax	☐ In Person	
Regarding:						
Client Instructions:					1	
16. Additional remarks:						
17. Cooler Information  Cooler No Temp °C Condition	on   Seal Intact   Seal	No Seal Da	ate .	Signed By	144	
1 0.2 Good	Yes	J. J		Olginou Dj	1994	
2 0.4 Good	Yes	*				

1 of 1 Page 207 of 215	ANIAL CITATION AND AND AND AND AND AND AND AND AND AN
Turn-Around Time:	Separate Asia
ved by OCD: 12/30/2022 1:25:52 PM Chain-oi-Custody Record	Client: EOG-Artesia / Ranger Env.

ANALYSIS LABORATORY 4901 Hawkins NE - Albuquerque, NM 87109 www.hallenvironmental.com Nicholas BJ Buttony Rush 34 hr

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

Project #: 5375

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Received by OCD: 12/30/2022

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

Project Name: ☐ Standard

**Analysis Request** 

							-	The Personal Property lies, th			-
email or Fax#: Will@RangerEnv.com	Will@Rar	igerEnv.com	Project Manager: W. Kierdorf		((						
QA/QC Package:	24				MR	income and					
■ Standard		☐ Level 4 (Full Validation)			1/0						
Accreditation:	□ Az Col	□ Az Compliance □ Other	Sampler: A Marthrez On Ice: A Merces	0	 9010						
■ EDD (Type)	1 1		# of Coolers: 2 0.1 + 0.1 1. 1 0.2"	2.20 1							
			Cooler Temp(Including CF): 0.3 ≠ 0.1	3.h.O					 		
Date Time	Matrix	Sample Name	Container Preservative Type and # Type	HEAL NO.	STEX (08:H9T	Chlorio					
SH80 25-25-20	555	B-84	1x402)ar 1CE	1 ~	メ	×					
						16					
											-
							11				
Date: Time:	Relino	hed by:	Received by: Via: Da		Remar	ks: Bill	Remarks: Bill to EOG Artesia	Artesia			
1461 22-51		Darring to	(2) (2/2)	12/2/2 By							
Date: Time:	Reline	hed by:	Received by: Via: Da	ate Time							
138/BY 1900		alumo	1-0- comin 12/13/12 0800	23/22 0800							

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

# ATTACHMENT 3 – HOWELL RANCH SEED MIXTURE

# James H & Betty R Howell Revocable Trust Seed Mix

1lb per acre of Plains Bristlegrass

2lbs per acre of Green Sprangletop

**3lbs per acre of Side Oats Gramma** 

2lbs per acre of Blue Gramma

Increase to 16lbs per acre if broadcast.

**Add Reclamation Mix** 

40% Ryegrass (Annual)

10% Millet

7.5% Kleingrass

5.7% Sideoats

5% Green Sprangletop

7.5% Bristlegrass

10% Western Wheatgrass

10% Buffalograss

2.5% Blue Grama

**PLANTING RATE 20 lbs. per acre** 

**Updated 5/23/2021** 

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Friday, November 4, 2022 10:40 AM

To: Tina Huerta < Tina Huerta@eogresources.com>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 125217

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

To whom it may concern (c/o Tina Huerta for EOG RESOURCES INC),

The OCD has approved the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) nAPP2127158905,

with the following conditions:

• The Remediation Plan is Conditionally Approved. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/ proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. A closure report will need to be completed and uploaded within 90 days.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Robert Hamlet 575-748-1283

Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

#### One attachment . Scanned by Gmail (1)





# Subject: Nicholas BJ Battery (nAPP2127158905) Sampling Notification

?

Tina Huerta «Tina\_Huerta@eogresources.com»

8:55 AM (4 hours ago)

to ocd.enviro@emnrd.nm.gov, Alan & Cheryl, Austin Weyant, Andrea Felix, Katie Jamison, Michael Yemm, Terrence Gant 🔻

You are viewing an attached message. Rangerenv.com Mail can't verify the authenticity of attached messages.



Good Morning,

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

Nicholas BJ Battery I-5-19S-25E Eddy County, New Mexico nAPP2127158905

Sampling will begin at 8:00 a.m. on Wednesday, December 7, 2022.

Thank you,

Tina Huerta

Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com



**Artesia Division** 

From: Tina Huerta < Tina Huerta@eogresources.com>

Sent: Thursday, December 15, 2022 8:32 AM

To: ocd.enviro@emnrd.nm.gov; Alan & Cheryl <a href="mailto:salan.net">ahowell@pvtn.net</a>; Austin Weyant <a href="mailto:salan.net">austin@atkinseng.com</a>>

Cc: Andrea Felix <a href="mailto:Andrea Felix@eogresources.com">"> Katie Jamison <a href="mailto:Katie Jamison@eogresources.com">"> Michael Yemm</a>

< Michael Yemm@eogresources.com>; Terrence Gant < Terry Gant@eogresources.com>

Subject: Nicholas BJ Battery (nAPP2127158905) Sampling Notification

Good Morning,

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

Nicholas BJ Battery I-5-19S-25E Eddy County, New Mexico nAPP2127158905

Sampling will begin at 12:00 p.m. on Monday, December 19, 2022 and will continue through Friday, December 23, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com



**Artesia Division** 

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 171369

#### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	171369
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2127158905 NICHOLAS BJ BATTERY, thank you. This closure is approved.	5/4/2023