

Wescom Inc. 1224 Standpipe Road Carlsbad, New Mexico 88220

> (575) 840-3940 wescominc.com

July 27, 2021

Robert Hamlet, Victoria Venegas, and/or Chad Hensley State of New Mexico Energy, Minerals, and Natural Resources New Mexico Oil Conservation Division 811 South First Street Artesia, New Mexico 88210

Re: Deferral Request

Company:	Kaiser Francis Oil Company
Location:	South Bell Lake Unit 263H
API:	30-025-43034
PLSS:	Unit I Sec 06 T24S R34E
GPS:	32.245266, -103.501034
Incident ID:	NRM2019629912

Background

Wescom, Inc., hereafter referred to as Wescom, has prepared this deferral request on behalf of Kaiser-Francis Oil Company, hereafter referred to as KFOC, regarding the release at the South Bell Lake Unit 263H (Site) located in Unit I, Section 06, Township 24 South and Range 34 East in Lea County, New Mexico which occurred on June 28, 2020. The GPS coordinates are as follows: North 32.245266 and West -103.501034. Surface owner of the site is NGL Water Solutions. The Site falls within New Mexico Oil Conservation Division (NMOCD), District 2 Artesia.

On June 28, 2020 a check valve on the 263H LACT unit suction line failed inside the secondary containment around the production tank battery which resulted in a 448-barrel (bbl) release of oil inside the tank containment (calculations were based on LACT Unit readings). On June 28, 2020, 274 bbls of fluid were recovered from within containment. The top of the failed valve was found under the body of the valve and one hole was found near the valve top. It was determined that the valve punched a hole in the containment liner.

Surface & Ground Water

The New Mexico Office of the State Engineer (OSE) records indicates nearest ground water measurement in the area is 390 feet below ground surface (bgs) and is 0.65 miles northeast of the location, as shown in Attachment C. The log for this water well was filed on March 27, 2020.

No playas, lakes, ponds, riverines or wetlands are located within a within a half-mile radius of this site (see Attachment C).



Karst Potential

According to data from the Bureau of Land Management, this Site is located within low karst potential as shown in Attachment D. There are no indicators of karst around the Site surface.

Soil Type

Soil type in the area of concern, according to the United States Department of Agriculture (Attachment F) is shown as 46 percent Pyote, which is fine sand from zero to 30 inches and fine sandy loam from 30 to 60 inches, 44 percent Maljamar, which has a typical profile of fine sand from zero to 24 inches, sandy clay loam from 24 to 50 inches and cemented material from 50 to 60 inches.

The permeability of Pyote and Maljamar is moderately rapid and these soils are well-drained. Runoff is negligible on slopes less than three percent and very low on slopes three to five percent.

Target Remedial Levels

The target cleanup levels are determined using the NMOCD Closure Criteria (19.15.29.12.B(4)) and Table 1 NMAC, inserted below) including karst guidelines from the Bureau of Land Management. The applicable recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethyl benzene, and total xylenes (BTEX) and, 2500 ppm Total Petroleum Hydrocarbons (TPH), characterization of vertical and horizontal extent of chloride concentration to a level of 20000 mg/kg (ppm) is also required. Although, the closest depth to water (DTW) data found outside the ½ mile radius of the Site, we have used the highest RRALs for the Site due to the proximity of the DTW data to the required radius.

Ŵ
WESCOM

Closure Criteria (19.15.29.12.B(4)) and Table 1 NMAC					
South Bell Lake	Unit 263H 3	2.245266, -103.501034			
Depth to Groundwater		Closure Criteria (units in mg/kg)			
		Chloride * numerical limit or background, whichever is greater	ТРН	BTEX	Benzene
Based on high karst potential	Low	600	100	50	10
less than 50 ft bgs or no water data within 1/2 mile	0.65	600	100	50	10
51 ft to 100 ft		10000	2500	50	10
greater than 100 ft	390	20000	2500	50	10
Surface water	yes or no	lf	yes, then		1
< 300 feet from continuously flowing watercourse or other significant watercourse?	No				
< 200 feet from lakebed, sinkhole or playa lake?	No				
Water Well or Water Source					
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No				
< 1000 feet from fresh water well or spring?	No				
Human and Other Areas					
< 300 feet from an occupied permanent residence, school, hospital, institution or church?	No				
within incorporated municipal boundaries or within a defined municipal fresh water well field?	No				
< 100 feet from wetland?	No				
within area overlying a subsurface mine?	No				
within an unstable Karst area?	No				
within a 100-year floodplain?	No				

Delineation Activities

August 20, 2020 Field Activities

Beginning on August 20, 2020, KFOC contracted Wescom to conduct onsite horizontal and vertical delineation activities to determine the impact of the June 28, 2020 release outside containment. Atkins Engineering drilled nine boreholes surrounding the containment, with seven boreholes near the original release. Borehole locations are shown in Figure 1. A background borehole was drilled approximately 60 feet from the East side of the caliche pad, as shown in Figure 1. Based on the field screen results and analytical data, it was determined that two surface samples (BH01-0', BH04-0') exceeded RRALs (see Table 1). Based on RRAL exceedances, additional delineation activities were scheduled for October 20, 2020.

October 20, 2020 Field Activities

As planned, additional horizontal and vertical delineation sampling was completed on October 20, 2020. Wescom personnel were onsite to resample three of the seven boreholes (BH01, BH03, BH04) for clarification on environmental impact depth. Samples were collected every foot, including surface, to a depth of seven feet on BH03 and eight feet on BH01 and BH04. All samples collected on October 20, 2020 had results below closure criteria levels (Table 2).

June 15, 2021 Field Activities

Per email correspondence with NMOCD, it was determined that additional delineation was necessary beneath containment. As described in the Sample Plan, Attachment G, submitted to NMOCD and sent to



Mike Bratcher, Robert Hamlet, Christina Eads, and Chad Hensley via email on June 2, 2021, Kaiser Francis contracted NMR to conduct horizontal drilling on June 15, 2021, using a drill positioning GIS system and calculations to verify core samples were taken from discrete areas beneath containment.

A trench was excavated to four feet below ground surface, in line with the desired sampling locations. A GPS 'box' was placed at the point where the core sample was to begin. The box was used to direct the drill bit and a borehole was completed at a consistent four feet from the edge of the trench to directly beneath the box – for the first core sample, the box was placed directly on the edge of containment. Once the borehole was completed to the desired sample core starting point, the casing and GPS drill bit were removed from the hole. The GPS drill bit was replaced with a hollow stem core bit. The core was drilled five to eight feet depending on desired results and then removed from the hole. Once the sample had been removed from the hollow stem core bit, the bit was decontaminated. The box was then set at the next location – the box was placed 23.5 feet from edge of containment for the second core sample, and at 56 feet from edge of containment for the third core sample. The process was repeated until three core samples had been collected. The samples collected for analysis were completely dry – thus, the potential for dilution and compromising of sample integrity during sampling process were eliminated.

The GPS driven drill bit was monitored by driller and maintained a constant four feet below ground surface during entire drilling process. The depth below ground surface was measured on both sides of each sample core and shown to be four feet in each case.

NMR had qualified personnel onsite to complete the horizontal drilling. Once the borehole was drilled to the predesignated area – four to five feet from sample location – the casing with drill bit was removed and the hollow stem casing with drilling attachment was inserted and the core was drilled for eight to ten feet (see Attachment B). The sample was removed from the casing by using force to release tension of soil from casing wall. Samples were collected at points 6.5, 24-29 and 59-61 feet from edge of containment and four feet below containment floor, as shown in Figure 1.

The casing was decontaminated with water between each sample. Water used for decontamination was sampled for BTEX, TPH and Chlorides and found non-detect for all constituents, see Table 3.

Each laboratory sample result for samples taken on June 15, 2021 came back with non-detect results.

Sample Quality Control

18 samples were obtained from the boreholes on August 20, 2020, 26 samples were obtained from the boreholes on October 20, 2020, and three samples were collected from a horizontal borehole on June 15, 2021. All soil samples were properly packaged, preserved, and transported to Hall Environmental by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH, —Method 8015M/D, BTEX—Method 8021B, and Chlorides—Method 300.0. The results are presented in Tables 1, 2 and 3 and Laboratory Analytical Reports are included in Attachment F. Locations of samples are shown in Figure 1.

Page 4 of 262



Request for Deferral

According to OSE, the DTW exceeds 100 feet with the closest ground water well at 0.65 miles Northeast of location. Samples collected on August 20, 2020, October 20, 2020 and June 15, 2021 are within the closure criteria for the Site with the forementioned DTW, apart from BH01-0' and BH04-0' which were resampled with results well below criteria (see Tables 1 and 2). The variation between August 20th laboratory sample results to October 20th laboratory sample results can be explained as localized outlier surface contamination which was avoided during the second sampling event.

August 20th laboratory analysis data for BH02 and BH05 through BH09, October 20th laboratory data for BH01, BH03 and BH04, and June 15th, 2021, laboratory data indicate that the June 28, 2020 release was contained inside the tank battery containment. Given the type of soil beneath the containment liner and the presumed amount of unrecovered material, there would be constituent impacts to the soil beneath the liner greater than four feet below surface. The compromised liner was repaired as soon as the leak was found and no impacts were found at four feet below containment surface. Additionally, no staining was observed outside containment at any of the sampling events.

As the DTW is greater than 100 feet and the containment area is lined to prevent the release of fluid into the soil, thus creating potential for hydrostatic pressure, KFOC hereby requests deferral of the spill area contained below the secondary containment on the site associated with release NRM2019629912. Remediation of minimally impacted soil beneath containment will commence following the decommissioning of the South Bell Lake Unit 263H tank battery secondary containment.

If you have any questions or comments, please do not hesitate to call Ms. Sharlene Harvester at (218) 355-8047.

Sincerely,

Wescom, Inc.

Sharlene V. Harvester Senior Environmental Scientist

cc: Charles Lock, KFOC Aaron Daniels, KFOC Robert Hamlet, NMOCD Victoria Venegas, NMOCD Chris Hensley, NMOCD

Figures

Figure 1. Spill Investigation

Tables

- Table 1.
 Laboratory Analysis Results: Spill Delineation 08/20/2020
- Table 2.
 Laboratory Analysis Results: Spill Delineation 10/20/2020
- Table 3.Laboratory Analysis Results: Spill Delineation 6/15/2021

Attachments

Attachment A.	C-141
Attachment B.	Site Photos
Attachment C.	Closure Criteria Research
Attachment D.	Karst Map
Attachment E.	USDA Soil Resource Report – South Bell Lake Unit 263H
Attachment F.	Hall Laboratory Analysis Reports
Attachment G.	June 1, 2021 Sample Plan

.

Figures





Tables



•

wescominc.com



•

South Bell Lake 263H - 6.28.2020 Spill Kaiser Francis Oil Company August 20, 2020						
	Т	able 1. Labora	-			
Samp	ole Descript			eum Hydro	carbons	Inorganic
				, atile	Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	ТРН	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Clo	sure Criteri	а	10	50	2500	20000
Delin	eation Crite	eria	10	50	100	600
Lab Order: 200	8C40 - Hall	Environmenta	al Analysis L	aboratory		
BH01	0	8/20/2020	ND	ND	26006	120
BH01	8	8/20/2020	ND	ND	ND	ND
BH02	0	8/20/2020	ND	ND	ND	110
BH02	6	8/20/2020	ND	ND	ND	130
BH03	0	8/20/2020	ND	ND	660	180
BH03	5	8/20/2020	ND	ND	420	ND
BH04	0	8/20/2020	ND	ND	3700	230
BH04	6	8/20/2020	ND	ND	ND	ND
BH05	0	8/20/2020	ND	ND	ND	ND
BH05	6	8/20/2020	ND	ND	ND	ND
BH06	0	8/20/2020	ND	ND	ND	ND
BH06	6	8/20/2020	ND	ND	ND	ND
BH07	0	8/20/2020	ND	ND	ND	82
BH08	0	8/20/2020	ND	ND	ND	390
BH09	0	8/20/2020	ND	ND	ND	210
BG01	0	8/20/2020	ND	ND	ND	ND
BG01	6	8/20/2020	ND	ND	ND	ND
BG01	8	8/20/2020	ND	ND	ND	ND

wescominc.com



•

South Bell Lake 263H - 6.28.2020 Spill Kaiser Francis Oil Company						
Table	October 20, 2020 Table 2. Laboratory Analysis Results: Spill Delineation 10/10/2020					
	ole Descript			eum Hydro		Inorganic
3am	•	1011		· ·		morganic
	elow ce)		Vola	atile	Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	ТРН	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Clo	sure Criter	ia	10	50	2500	20000
Delin	eation Crite	eria	10	50	100	600
Lab Order: 201	.0951 - Hall	Environmenta	al Analysis L	aboratory		
BH01	0	10/20/2020	ND	ND	12	100
BH01	1	10/20/2020	ND	ND	ND	97
BH01	2	10/20/2020	ND	ND	ND	140
BH01	3	10/20/2020	ND	ND	ND	74
BH01	4	10/20/2020	ND	ND	ND	66
BH01	5	10/20/2020	ND	ND	ND	110
BH01	6	10/20/2020	ND	ND	ND	150
BH01	7	10/20/2020	ND	ND	ND	110
BH01	8	10/20/2020	ND	ND	ND	70
BH03	0	10/20/2020	ND	ND	ND	510
BH03	1	10/20/2020	ND	ND	ND	400
BH03	2	10/20/2020	ND	ND	ND	320
BH03	3	10/20/2020	ND	ND	ND	ND
BH03	4	10/20/2020	ND	ND	ND	ND
BH03	5	10/20/2020	ND	ND	ND	ND
BH03	6	10/20/2020	ND	ND	ND	ND
BH03	7	10/20/2020	ND	ND	ND	ND
BH04	0	10/20/2020	ND	ND	12	650
BH04	1	10/20/2020	ND	ND	ND	93
BH04	2	10/20/2020	ND	ND	ND	87
BH04	3	10/20/2020	ND	ND	ND	ND
BH04	4	10/20/2020	ND	ND	ND	ND
BH04	5	10/20/2020	ND	ND	ND	ND
BH04	6	10/20/2020	ND	ND	ND	ND
BH04	7	10/20/2020	ND	ND	ND	ND
BH04	8	10/20/2020	ND	ND	ND	ND

wescominc.com



South Bell Lake 263H - 6.28.2020 Spill						
	Kaiser Francis Oil Company					
			e 16, 2021	ipuny		
Tab	a 2 Labora		-	II Dolinostia	m C /1 C /2021	
		tory Analysis				
Samp	ole Descript	ion	Petrol	eum Hydro	carbons	Inorganic
	elow ce)		Vola	atile	Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	ТРН	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Clo	sure Criteri	а	10	50	2500	20000
Delineation Criteria		10	50	100	600	
Lab Order: 2008C40 - Hall Environmental Analysis Laboratory						
HBH01-01	6.5	6/15/2021	ND	ND	ND	ND
HBH01-05	24-29	6/15/2021	ND	ND	ND	ND
HBH01-07	59-61	6/15/2021	ND	ND	ND	ND
Water Tank	0	6/15/2021	ND	ND	ND	ND

Attachment A

Signed 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

Page 14 of 262

Incident ID	NRM2019629912
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Kaiser-Francis Oil Company	OGRID 12361
Contact Name	Charles Lock	Contact Telephone 918-491-4337
Contact email	charlesl@kfoc.net	Incident # (assigned by OCD)
Contact mailing addre	ss 6733 S. Yale Avenue Tulsa, OK 74136	

Location of Release Source

Latitude 32,245266

Longitude -103.501034 (NAD 83 in decimal degrees to 5 decimal places)

Site Name South Bell Lake Unit 263H	Site Type Producing Well Pad
Date Release Discovered 6/28/2020	API# (if applicable) 30-025-43034

Unit Letter	Section	Township	Range	County
Ι	6	24S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: NGL Water Solutions)

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) 448	Volume Recovered (bbls) 274
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/i?	Yes No
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 Release		•

A check value on the 263H Lact unit suction line failed inside secondary containment around the production tank battery, resulting in a 448 bbl release of oil inside the containment. The top of the failed value was found under the body of the value. It was determined that it punched a hole in the liner just below the value.

Oil Conservation	Division
------------------	----------

Incident ID	NRM2019629912
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	The release meets the following criteria: "an unauthorized release of a volume, excluding gases, of 25 barrels or more."
Yes 🗌 No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes. Charles Lock (KFO	C – EHS Manager). Jim Griswold & Kerry Fortner (NMOCD). 6/29/2020 2:02 PM CST via email.

Initial Response

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

 \boxtimes The source of the release has been stopped.

IThe impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately,

If all the actions described above have not been undertaken, explain why:

All free liquids within the secondary containment have been recovered. Sampling will be conducted to determine the extent of lost volume and establish delineation due to the compromised liner.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name:Charles W. Lock	Title:EH&S Manager
Signature:	Date: <u>7-7-202</u> 0
email:charlesl@kfoc.net	Telephone:918-491-437
OCD Only	
Received by:	Date:

Page 3

Oil Conservation Division

	Page	10	oj	202
NRM201046	60118			

• •	District RP	
	Facility ID	
	Application ID	

Incident ID

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>340</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🔀 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🛛 No

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
 Field data

Data table of soil contaminant concentration data

Depth to water determination

Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release

Boring or excavation logs

Photographs including date and GIS information

- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Received by OCD: 8/12/2021 9:43 Form C-141	43 AM		Page 17 of 26				
Form C-141		Incident ID	NRM2010460118				
Page 4	Oil Conservation Division	District RP					
		Facility ID					
		Application ID					
regulations all operators are required public health or the environment. Th failed to adequately investigate and re	Date: //	perform corrective actions for rele t relieve the operator of liability sh water, surface water, human health	eases which may endanger ould their operations have or the environment. In				
OCD Only Received by:	Da						

Received by OCD: 8/12/2021 9:43:43 AM

Form C-141 Page 5 State of New Mexico Oil Conservation Division

Incident ID	
District RP	
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)

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

Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

Extents of contamination must be fully delineated.

Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Charles Lock	Title: <u>EH & S Manager</u>
Signature: Chilo W The	Date: February 19, 2021
email: <u>CharlesL@kfoc.net</u>	Telephone: 918-491-4337
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date:

Attachment B

Site Photos







Site Signage



West Side Containment-BH01





West Side Containment-BH02



North Side Containment-BH03



BLOA BLOA Wescom, Inc. - SVH Brution

North Side Containment-BH04



East Side Containment-BH05





South West Side Containment-BH06



East Side Location-BG01





Drilling to First Core begins



Directional "box" to steer drill bit





Change Casing from Drill to Core Bit



Beginning of First Sample Core





First Sample being Removed from Borehole



Second Core - Beginning of Core at red mark





First Core - HBH01 - 01



Second Core - HBH01 - 05





Third Core - HBH01 - 07



Location of First Sample Core - As seen from eye level

Incident ID: NRM2019629912





Location of Second Sample Core - As seen from eye level



Location of Third Sample Core - As seen from eye level

Attachment C

Closure Criteria Research





New Mexico Office of the State Engineer **Point of Diversion Summary**

			(quarters	are 1=N	[W 2=]	NE 3=S				
	(quarter	rs are sm	allest t	o larges	t)	(NAD83 UT	(NAD83 UTM in meters)			
Well Tag	POD	Number	Q64 Q	16 Q4	Sec	Tws	Rng	Χ	Y	
2215A	C 04	4282 POD1	1	2 1	05	24S	34E	641662	3569541 🌍	
x Driller Lic	ense:	1641	Driller (Compa	ny:	А &	& K WA	TER WELL	DRILLING	
Driller Na	me:	GLASSPOOLE,	KRISTOPHE	R L.N	ER					
Drill Start	Date:	11/19/2018	Drill Fir	ish Da	te:	1	1/23/201	18 Plu	g Date:	
Log File Date: 03/27/2020		PCW Re	ev Date	e:		Sou	Source:			
Pump Type:		Pipe Dis	charge	e Size	:		Est	Estimated Yield:		
Casing Siz	e:	6.00	Depth W	Vell:		5	74 feet	Dej	pth Water:	390 feet
X	Wate	er Bearing Stratif	ïcations:	Тс	op B	ottom	Descr	ription		
x Casing Perfora				38	35	490 Sandstone, Bottom		stone/Gravel/	ne/Gravel/Conglomerate	
			forations:	Te	op B					
				39		574				

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

8/20/20 8:59 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced	(R=POD has been replace O=orphaned,								,				
& no longer serves a water right file.)	C=the file is closed)	•	-				2=NE 3 st to lar	s=SW 4=SE gest) (NA) AD83 UTM in me	eters)	(In feet)	
	POD		•	~ ~									
POD Number	Sub- Code basin	County		Q (16 4		Tws	Rng	х	Y	Distance	-	Depth Water	Water Column
C 04282 POD1	С	LE	1	2	1 05	24S	34E	641662	3569541 🌍	1044	574	390	184
C 03932 POD3	CUB	LE	4	3 2	2 05	24S	34E	642442	3568787 🌍	1283	100		
C 04014 POD1	CUB	LE	1	1 :	3 06	24S	34E	639811	3568638 🌍	1357	91	81	10
C 03620 POD1	CUB	LE	1	4 :	3 32	23S	34E	641790	3569941 🌍	1459	480	130	350
C 04014 POD2	CUB	LE	4	4 2	2 01	24S	33E	639656	3568917 🌍	1542	95	81	14
C 04014 POD3	CUB	LE	2	4 :	2 01	24S	33E	639497	3569007 🌍	1715	95	87	8
C 03932 POD8	CUB	LE	4	2 4	4 07	24S	34E	641120	3566769 🌍	1851	72		
C 04014 POD4	CUB	LE	3	4 :	2 01	24S	33E	639295	3568859 🔵	1888	96	86	10
C 04014 POD5	CUB	LE	1	4 2	2 01	24S	33E	639284	3569086 🌍	1941	95	85	10
<u>C 02386</u>	CUB	LE	4	1 :	2 04	24S	34E	643962	3569290* 🔵	2872	575	475	100
<u>C 02397</u>	CUB	LE	4	1 :	2 04	24S	34E	643962	3569290* 🌍	2872	575	475	100
C 03666 POD1	С	LE	2	3 4	4 13	24S	33E	639132	3565078 🌍	4086	650	390	260
C 03917 POD1	С	LE	4	1 ;	3 13	24S	33E	638374	3565212 🌍	4407	600	420	180
<u>C 02284</u>	CUB	LE	4	2 4	4 26	23S	33E	637907	3571626* 🔵	4435	325	225	100
<u>C 02282</u>	CUB	LE	3	1	1 25	23S	33E	638098	3572436* 🌍	4897	325	225	100
									Avera	ge Depth to	Water:	242	feet
										Minimum	Depth:	81	feet
										Maximum	Depth:	475	feet
Record Count: 15													
UTMNAD83 Radius	Search (in mete	ers):											
Easting (V): 6411	100		N.					0	Dedius	5000			

Easting (X): 641169

Northing (Y): 3568620.93

Radius: 5000

*UTM location was derived from PLSS - see Help

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

SBL Unit 263H - Riverine 15,967.4 ft



August 27, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

Lake Other Riverine

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

Released to Imaging: 9/14/2021 10:07:14 AM

U.S. Fish and Wildlife Service National Wetlands Inventory



August 27, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake Other Riverine

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

Released to Imaging: 9/14/2021 10:07:14 AM

Page 34 of 262



U.S. Fish and Wildlife Service

National Wetlands Inventory

Page 36 of 262



- Wetlands
 - Estuarine and Marine Deepwater
 - Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

Lake Other Riverine Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.
Active Mines Near South Bell Lake Unit 263H

T23S	R33E	<u>«</u>	1913			T238
21	22	23 10	24	19	20	21
28	27	26	25 @	30	29	28
33	34	35	36	21) 31	32	33 X
*	3	* 2	1	6	5	4
9	10	11	12	7	8	9
16	15	14	13	18	17	¹⁶ T248
21	R33E 22	23	24	19	20	21
					. /	1
9/1/2020, 1:47:41 PM	M				1:72,224	2 mi

Registered Mines

* Aggregate, Stone etc.



U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

Received by OCD: 8/12/2021 9:43:43,AM National Flood Hazard Layer FIRMette



Legend

Page 38 of 262





Attachment D

Karst Map





Attachment E

USDA Soil Resource Report - South Bell Lake Unit 263H



.



United States Department of Agriculture

Natural Resources Conservation Service A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico

South Bell Lake Unit 263H



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/? cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

•

Contents

Preface	2
How Soil Surveys Are Made	5
Soil Map	
Soil Map	
Legend	10
Map Unit Legend	
Map Unit Descriptions	
Lea County, New Mexico	
BE—Berino-Cacique loamy fine sands association	
PU—Pyote and Maljamar fine sands	15
References	17

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

.

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.





9

•

Custom Soil Resource Report

	MAP L	EGEND		MAP INFORMATION
Soils	r est (AOI) Area of Interest (AOI) Soil Map Unit Polygons	9	Area / Spot Stony Spot	The soil surveys that comprise your AOI were mapped at 1:20,000. Warning: Soil Map may not be valid at this scale.
Special Po	Soil Map Unit Lines Soil Map Unit Points Soint Features Blowout	Water Features	ial Line Features	Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.
× °	Borrow Pit Clay Spot Closed Depression Gravel Pit Gravelly Spot	Transportation +++ Rails Inters US R	tate Highways	Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)
۸ ج	Landfill Lava Flow Marsh or swamp Mine or Quarry Miscellaneous Water	Background	Roads I Photography	Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.
0 ~ + ~	Miscellaneous water Perennial Water Rock Outcrop Saline Spot Sandy Spot			This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 17, Jun 8, 2020 Soil map units are labeled (as space allows) for map scales
 > \$	Severely Eroded Spot Sinkhole Slide or Slip Sodic Spot			1:50,000 or larger. Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020 The orthophoto or other base map on which the soil lines were
				compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	3.6	49.9%
PU	Pyote and Maljamar fine sands	3.7	50.1%
Totals for Area of Interest		7.3	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

National map unit symbol: dmpd Elevation: 3,000 to 3,900 feet Mean annual precipitation: 10 to 13 inches Mean annual air temperature: 60 to 62 degrees F Frost-free period: 190 to 205 days Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent Cacique and similar soils: 40 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 6 inches: loamy fine sand Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7c Hydrologic Soil Group: B Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

Description of Cacique

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand Bt - 12 to 28 inches: sandy clay loam Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7c Hydrologic Soil Group: C Ecological site: R042XC004NM - Sandy Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 6 percent *Ecological site:* R077CY028TX - Limy Upland 16-21" PZ *Hydric soil rating:* No

Palomas

Percent of map unit: 4 percent Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq Elevation: 3,000 to 3,900 feet Mean annual precipitation: 10 to 12 inches Mean annual air temperature: 60 to 62 degrees F Frost-free period: 190 to 205 days Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent Maljamar and similar soils: 44 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7s Hydrologic Soil Group: A

Custom Soil Resource Report

Ecological site: R042XC003NM - Loamy Sand *Hydric soil rating:* No

Description of Maljamar

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand Bt - 24 to 50 inches: sandy clay loam Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent Ecological site: R042XC022NM - Sandhills Hydric soil rating: No

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/ nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2 053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/ home/?cid=nrcs142p2 053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/ detail/national/landuse/rangepasture/?cid=stelprdb1043084

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/ nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/? cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

Attachment F

Hall Laboratory Analysis Reports





August 31, 2020

Shar Harvester Wescom Inc 1907 San Jose Blvd. Apt. 425 Carlsbad, NM 88220 TEL: (575) 499-6831 FAX:

RE: SBL Unit 263H-6.28.2020 Spill

OrderNo.: 2008C40

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Shar Harvester:

Hall Environmental Analysis Laboratory received 18 sample(s) on 8/22/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab ID:

Project: SBL Unit 263H-6.28.2020 Spill

2008C40-001

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2020 Client Sample ID: BH01-0' Collection Date: 8/20/2020 10:30:00 AM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst: BRM
Diesel Range Organics (DRO)	14000	190		mg/Kg	20	8/26/2020 3:21:48 PM
Motor Oil Range Organics (MRO)	12000	970		mg/Kg	20	8/26/2020 3:21:48 PM
Surr: DNOP	0	30.4-154	S	%Rec	20	8/26/2020 3:21:48 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	120	60		mg/Kg	20	8/28/2020 6:14:26 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	8/25/2020 5:41:48 PM
Toluene	ND	0.049		mg/Kg	1	8/25/2020 5:41:48 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/25/2020 5:41:48 PM
Xylenes, Total	ND	0.097		mg/Kg	1	8/25/2020 5:41:48 PM
Surr: 1,2-Dichloroethane-d4	87.7	70-130		%Rec	1	8/25/2020 5:41:48 PM
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	8/25/2020 5:41:48 PM
Surr: Dibromofluoromethane	86.4	70-130		%Rec	1	8/25/2020 5:41:48 PM
Surr: Toluene-d8	95.4	70-130		%Rec	1	8/25/2020 5:41:48 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	6.4	4.9		mg/Kg	1	8/25/2020 5:41:48 PM
Surr: BFB	97.8	70-130		%Rec	1	8/25/2020 5:41:48 PM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 1 of 23

2008C40-002

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020 Client Sample ID: BH01-8' Collection Date: 8/20/2020 12:01:00 PM Descived Date: 8/22/2020 8:50:00 AM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	8/26/2020 3:31:41 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/26/2020 3:31:41 PM
Surr: DNOP	61.7	30.4-154	%Rec	1	8/26/2020 3:31:41 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	8/29/2020 3:11:02 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: JMR
Benzene	ND	0.025	mg/Kg	1	8/25/2020 7:11:16 PM
Toluene	ND	0.049	mg/Kg	1	8/25/2020 7:11:16 PM
Ethylbenzene	ND	0.049	mg/Kg	1	8/25/2020 7:11:16 PM
Xylenes, Total	ND	0.098	mg/Kg	1	8/25/2020 7:11:16 PM
Surr: 1,2-Dichloroethane-d4	90.9	70-130	%Rec	1	8/25/2020 7:11:16 PM
Surr: 4-Bromofluorobenzene	94.4	70-130	%Rec	1	8/25/2020 7:11:16 PM
Surr: Dibromofluoromethane	91.5	70-130	%Rec	1	8/25/2020 7:11:16 PM
Surr: Toluene-d8	94.9	70-130	%Rec	1	8/25/2020 7:11:16 PM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/25/2020 7:11:16 PM
Surr: BFB	98.2	70-130	%Rec	1	8/25/2020 7:11:16 PM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 2 of 23

2008C40-003

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020 Client Sample ID: BH02-0' Collection Date: 8/20/2020 11:00:00 AM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/26/2020 3:41:34 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/26/2020 3:41:34 PM
Surr: DNOP	68.7	30.4-154	%Rec	1	8/26/2020 3:41:34 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	110	60	mg/Kg	20	8/29/2020 3:23:21 PM
EPA METHOD 8260B: VOLATILES SHORT LIST	г				Analyst: JMR
Benzene	ND	0.024	mg/Kg	1	8/25/2020 7:40:57 PM
Toluene	ND	0.049	mg/Kg	1	8/25/2020 7:40:57 PM
Ethylbenzene	ND	0.049	mg/Kg	1	8/25/2020 7:40:57 PM
Xylenes, Total	ND	0.097	mg/Kg	1	8/25/2020 7:40:57 PM
Surr: 1,2-Dichloroethane-d4	87.0	70-130	%Rec	1	8/25/2020 7:40:57 PM
Surr: 4-Bromofluorobenzene	95.6	70-130	%Rec	1	8/25/2020 7:40:57 PM
Surr: Dibromofluoromethane	88.7	70-130	%Rec	1	8/25/2020 7:40:57 PM
Surr: Toluene-d8	97.4	70-130	%Rec	1	8/25/2020 7:40:57 PM
EPA METHOD 8015D MOD: GASOLINE RANGE	1				Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/25/2020 7:40:57 PM
Surr: BFB	98.7	70-130	%Rec	1	8/25/2020 7:40:57 PM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 3 of 23

Lab ID:

Project: SBL Unit 263H-6.28.2020 Spill

2008C40-004

Analytical Report Lab Order 2008C40

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH02-6' Collection Date: 8/20/2020 11:17:00 AM Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANGE				Analyst: BRM		
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	8/26/2020 3:51:26 PM	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/26/2020 3:51:26 PM	
Surr: DNOP	76.3	30.4-154	%Rec	1	8/26/2020 3:51:26 PM	
EPA METHOD 300.0: ANIONS					Analyst: JMT	
Chloride	130	61	mg/Kg	20	8/29/2020 3:35:41 PM	
EPA METHOD 8260B: VOLATILES SHOR	T LIST				Analyst: JMR	
Benzene	ND	0.023	mg/Kg	1	8/25/2020 8:10:35 PM	
Toluene	ND	0.046	mg/Kg	1	8/25/2020 8:10:35 PM	
Ethylbenzene	ND	0.046	mg/Kg	1	8/25/2020 8:10:35 PM	
Xylenes, Total	ND	0.092	mg/Kg	1	8/25/2020 8:10:35 PM	
Surr: 1,2-Dichloroethane-d4	95.8	70-130	%Rec	1	8/25/2020 8:10:35 PM	
Surr: 4-Bromofluorobenzene	95.0	70-130	%Rec	1	8/25/2020 8:10:35 PM	
Surr: Dibromofluoromethane	93.9	70-130	%Rec	1	8/25/2020 8:10:35 PM	
Surr: Toluene-d8	95.8	70-130	%Rec	1	8/25/2020 8:10:35 PM	
EPA METHOD 8015D MOD: GASOLINE R	ANGE				Analyst: JMR	
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	8/25/2020 8:10:35 PM	
Surr: BFB	96.9	70-130	%Rec	1	8/25/2020 8:10:35 PM	

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 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 range due to dilution or matrix

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

Page 4 of 23

Project: SBL Unit 263H-6.28.2020 Spill

Analytical Report Lab Order 2008C40

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH03-0' Collection Date: 8/20/2020 12:40:00 PM Received Date: 8/22/2020 8:50:00 AM

Lab ID: 2008C40-005	Matrix: SOIL	Received Date: 8/22/2020 8:50:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: BRM	
Diesel Range Organics (DRO)	290	20	mg/Kg	2	8/26/2020 4:01:16 PM	
Motor Oil Range Organics (MRO)	370	99	mg/Kg	2	8/26/2020 4:01:16 PM	
Surr: DNOP	82.6	30.4-154	%Rec	2	8/26/2020 4:01:16 PM	
EPA METHOD 300.0: ANIONS					Analyst: JMT	
Chloride	180	60	mg/Kg	20	8/29/2020 3:48:01 PM	
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst: JMR	
Benzene	ND	0.024	mg/Kg	1	8/25/2020 8:40:08 PM	
Toluene	ND	0.047	mg/Kg	1	8/25/2020 8:40:08 PM	
Ethylbenzene	ND	0.047	mg/Kg	1	8/25/2020 8:40:08 PM	
Xylenes, Total	ND	0.094	mg/Kg	1	8/25/2020 8:40:08 PM	
Surr: 1,2-Dichloroethane-d4	96.5	70-130	%Rec	1	8/25/2020 8:40:08 PM	
Surr: 4-Bromofluorobenzene	93.4	70-130	%Rec	1	8/25/2020 8:40:08 PM	
Surr: Dibromofluoromethane	95.0	70-130	%Rec	1	8/25/2020 8:40:08 PM	
Surr: Toluene-d8	95.3	70-130	%Rec	1	8/25/2020 8:40:08 PM	
EPA METHOD 8015D MOD: GASOL	NE RANGE				Analyst: JMR	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/25/2020 8:40:08 PM	
Surr: BFB	99.7	70-130	%Rec	1	8/25/2020 8:40:08 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 5 of 23

Project: SBL Unit 263H-6.28.2020 Spill

Analytical Report Lab Order 2008C40

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH03-5' Collection Date: 8/20/2020 1:00:00 PM Received Date: 8/22/2020 8:50:00 AM

Lab ID: 2008C40-006	Matrix: SOIL	Rece	Received Date: 8/22/2020 8:50:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: BRM		
Diesel Range Organics (DRO)	170	19	mg/Kg	2	8/26/2020 4:11:05 PM		
Motor Oil Range Organics (MRO)	250	94	mg/Kg	2	8/26/2020 4:11:05 PM		
Surr: DNOP	83.3	30.4-154	%Rec	2	8/26/2020 4:11:05 PM		
EPA METHOD 300.0: ANIONS					Analyst: JMT		
Chloride	ND	60	mg/Kg	20	8/29/2020 4:00:21 PM		
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst: JMR		
Benzene	ND	0.025	mg/Kg	1	8/25/2020 9:09:38 PM		
Toluene	ND	0.049	mg/Kg	1	8/25/2020 9:09:38 PM		
Ethylbenzene	ND	0.049	mg/Kg	1	8/25/2020 9:09:38 PM		
Xylenes, Total	ND	0.098	mg/Kg	1	8/25/2020 9:09:38 PM		
Surr: 1,2-Dichloroethane-d4	97.2	70-130	%Rec	1	8/25/2020 9:09:38 PM		
Surr: 4-Bromofluorobenzene	95.2	70-130	%Rec	1	8/25/2020 9:09:38 PM		
Surr: Dibromofluoromethane	95.5	70-130	%Rec	1	8/25/2020 9:09:38 PM		
Surr: Toluene-d8	95.7	70-130	%Rec	1	8/25/2020 9:09:38 PM		
EPA METHOD 8015D MOD: GASOLI	NE RANGE				Analyst: JMR		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/25/2020 9:09:38 PM		
Surr: BFB	96.6	70-130	%Rec	1	8/25/2020 9:09:38 PM		

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 6 of 23

2008C40-007

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Client Sample ID: BH04-0' Collection Date: 8/20/2020 2:10:00 PM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst: BRM
Diesel Range Organics (DRO)	3700	93		mg/Kg	10	8/27/2020 1:16:29 PM
Motor Oil Range Organics (MRO)	ND	460	D	mg/Kg	10	8/27/2020 1:16:29 PM
Surr: DNOP	0	30.4-154	S	%Rec	10	8/27/2020 1:16:29 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	230	60		mg/Kg	20	8/29/2020 4:12:42 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	8/25/2020 9:39:08 PM
Toluene	ND	0.049		mg/Kg	1	8/25/2020 9:39:08 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/25/2020 9:39:08 PM
Xylenes, Total	ND	0.098		mg/Kg	1	8/25/2020 9:39:08 PM
Surr: 1,2-Dichloroethane-d4	90.9	70-130		%Rec	1	8/25/2020 9:39:08 PM
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	8/25/2020 9:39:08 PM
Surr: Dibromofluoromethane	93.6	70-130		%Rec	1	8/25/2020 9:39:08 PM
Surr: Toluene-d8	96.9	70-130		%Rec	1	8/25/2020 9:39:08 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/25/2020 9:39:08 PM
Surr: BFB	101	70-130		%Rec	1	8/25/2020 9:39:08 PM

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 7 of 23

2008C40-008

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020 Client Sample ID: BH04-6' Collection Date: 8/20/2020 2:30:00 PM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGAN	NICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/26/2020 4:30:42 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/26/2020 4:30:42 PM
Surr: DNOP	81.0	30.4-154	%Rec	1	8/26/2020 4:30:42 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	8/29/2020 4:49:44 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: JMR
Benzene	ND	0.023	mg/Kg	1	8/25/2020 10:08:36 PM
Toluene	ND	0.047	mg/Kg	1	8/25/2020 10:08:36 PM
Ethylbenzene	ND	0.047	mg/Kg	1	8/25/2020 10:08:36 PM
Xylenes, Total	ND	0.094	mg/Kg	1	8/25/2020 10:08:36 PM
Surr: 1,2-Dichloroethane-d4	94.7	70-130	%Rec	1	8/25/2020 10:08:36 PM
Surr: 4-Bromofluorobenzene	93.3	70-130	%Rec	1	8/25/2020 10:08:36 PM
Surr: Dibromofluoromethane	96.9	70-130	%Rec	1	8/25/2020 10:08:36 PM
Surr: Toluene-d8	96.9	70-130	%Rec	1	8/25/2020 10:08:36 PM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/25/2020 10:08:36 PM
Surr: BFB	101	70-130	%Rec	1	8/25/2020 10:08:36 PM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 8 of 23

2008C40-009

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020
Client Sample ID: BH05-0'

Collection Date: 8/20/2020 3:30:00 PM Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	8/26/2020 4:40:29 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/26/2020 4:40:29 PM
Surr: DNOP	64.6	30.4-154	%Rec	1	8/26/2020 4:40:29 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	8/29/2020 5:02:04 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: JMR
Benzene	ND	0.024	mg/Kg	1	8/25/2020 10:38:05 PM
Toluene	ND	0.048	mg/Kg	1	8/25/2020 10:38:05 PM
Ethylbenzene	ND	0.048	mg/Kg	1	8/25/2020 10:38:05 PM
Xylenes, Total	ND	0.096	mg/Kg	1	8/25/2020 10:38:05 PM
Surr: 1,2-Dichloroethane-d4	93.2	70-130	%Rec	1	8/25/2020 10:38:05 PM
Surr: 4-Bromofluorobenzene	95.8	70-130	%Rec	1	8/25/2020 10:38:05 PM
Surr: Dibromofluoromethane	93.9	70-130	%Rec	1	8/25/2020 10:38:05 PM
Surr: Toluene-d8	94.8	70-130	%Rec	1	8/25/2020 10:38:05 PM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/25/2020 10:38:05 PM
Surr: BFB	98.6	70-130	%Rec	1	8/25/2020 10:38:05 PM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 9 of 23

2008C40-010

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020 Client Sample ID: BH05-6' Collection Date: 8/20/2020 3:45:00 PM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	8/26/2020 4:50:15 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/26/2020 4:50:15 PM
Surr: DNOP	73.1	30.4-154	%Rec	1	8/26/2020 4:50:15 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	8/29/2020 5:14:24 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: JMR
Benzene	ND	0.024	mg/Kg	1	8/25/2020 11:07:46 PM
Toluene	ND	0.049	mg/Kg	1	8/25/2020 11:07:46 PM
Ethylbenzene	ND	0.049	mg/Kg	1	8/25/2020 11:07:46 PM
Xylenes, Total	ND	0.097	mg/Kg	1	8/25/2020 11:07:46 PM
Surr: 1,2-Dichloroethane-d4	93.0	70-130	%Rec	1	8/25/2020 11:07:46 PM
Surr: 4-Bromofluorobenzene	95.9	70-130	%Rec	1	8/25/2020 11:07:46 PM
Surr: Dibromofluoromethane	94.6	70-130	%Rec	1	8/25/2020 11:07:46 PM
Surr: Toluene-d8	96.5	70-130	%Rec	1	8/25/2020 11:07:46 PM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/25/2020 11:07:46 PM
Surr: BFB	99.8	70-130	%Rec	1	8/25/2020 11:07:46 PM

Matrix: SOIL

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

Qualifiers:

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

 PQL
 Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 10 of 23

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2020 Client Sample ID: BH06-0' Callestian Dates 9/20/2020 4.00.00 DM

Project:	SBL Unit 263H-6.28.2020 Spill	Collection Date: 8/20/2020 4:00:00 PM						
Lab ID:	2008C40-011	Matrix: SOIL	Received Date: 8/22/2020 8:50:00 AM					
Analyses		Result	RL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM								
Diesel R	ange Organics (DRO)	ND	9.1	mg/Kg	1	8/26/2020 4:59:58 PM		
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	8/26/2020 4:59:58 PM		
Surr: I	DNOP	72.9	30.4-154	%Rec	1	8/26/2020 4:59:58 PM		
EPA MET	THOD 300.0: ANIONS					Analyst: JMT		
Chloride		ND	60	mg/Kg	20	8/29/2020 5:26:46 PM		
EPA MET	THOD 8260B: VOLATILES SHOR	T LIST				Analyst: JMR		
Benzene)	ND	0.024	mg/Kg	1	8/25/2020 11:37:27 PM		
Toluene		ND	0.049	mg/Kg	1	8/25/2020 11:37:27 PM		
Ethylben	izene	ND	0.049	mg/Kg	1	8/25/2020 11:37:27 PM		
Xylenes,	Total	ND	0.098	mg/Kg	1	8/25/2020 11:37:27 PM		
Surr:	1,2-Dichloroethane-d4	93.9	70-130	%Rec	1	8/25/2020 11:37:27 PM		
Surr: 4	4-Bromofluorobenzene	91.3	70-130	%Rec	1	8/25/2020 11:37:27 PM		
Surr: I	Dibromofluoromethane	97.1	70-130	%Rec	1	8/25/2020 11:37:27 PM		
Surr:	Toluene-d8	96.3	70-130	%Rec	1	8/25/2020 11:37:27 PM		
EPA MET	HOD 8015D MOD: GASOLINE R	ANGE				Analyst: JMR		
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	8/25/2020 11:37:27 PM		
Surr: I	BFB	97.7	70-130	%Rec	1	8/25/2020 11:37:27 PM		

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 11 of 23

.
Project: SBL Unit 263H-6.28.2020 Spill

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2020 Client Sample ID: BH06-6' Collection Date: 8/20/2020 4:15:00 PM Pageiyad Date: 8/22/2020 8:50:00 AM

Lab ID: 2008C40-012	Matrix: SOIL	Rece	eived Date:	8/22/2	020 8:50:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/26/2020 5:09:48 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/26/2020 5:09:48 PM
Surr: DNOP	66.7	30.4-154	%Rec	1	8/26/2020 5:09:48 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	8/29/2020 2:34:49 PM
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst: JMR
Benzene	ND	0.025	mg/Kg	1	8/26/2020 12:07:00 AM
Toluene	ND	0.050	mg/Kg	1	8/26/2020 12:07:00 AM
Ethylbenzene	ND	0.050	mg/Kg	1	8/26/2020 12:07:00 AM
Xylenes, Total	ND	0.10	mg/Kg	1	8/26/2020 12:07:00 AM
Surr: 1,2-Dichloroethane-d4	96.3	70-130	%Rec	1	8/26/2020 12:07:00 AM
Surr: 4-Bromofluorobenzene	94.6	70-130	%Rec	1	8/26/2020 12:07:00 AM
Surr: Dibromofluoromethane	95.9	70-130	%Rec	1	8/26/2020 12:07:00 AM
Surr: Toluene-d8	97.6	70-130	%Rec	1	8/26/2020 12:07:00 AM
EPA METHOD 8015D MOD: GASOLI	NE RANGE				Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	8/26/2020 12:07:00 AM
Surr: BFB	97.7	70-130	%Rec	1	8/26/2020 12:07:00 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 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 range due to dilution or matrix

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

Page 12 of 23

Analytical Report Lab Order 2008C40

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH07-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 3:15:00 PM Lab ID: 2008C40-013 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 8/26/2020 5:19:45 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 8/26/2020 5:19:45 PM Surr: DNOP 60.9 30.4-154 %Rec 1 8/26/2020 5:19:45 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 8/29/2020 3:12:02 PM 82 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/26/2020 2:34:48 AM 1 Toluene ND 0.048 mg/Kg 8/26/2020 2:34:48 AM 1 Ethvlbenzene ND 0.048 mg/Kg 1 8/26/2020 2:34:48 AM Xylenes, Total ND 0.096 mg/Kg 1 8/26/2020 2:34:48 AM Surr: 1.2-Dichloroethane-d4 95.9 70-130 %Rec 1 8/26/2020 2:34:48 AM Surr: 4-Bromofluorobenzene 95.4 70-130 %Rec 1 8/26/2020 2:34:48 AM Surr: Dibromofluoromethane 95.0 70-130 %Rec 1 8/26/2020 2:34:48 AM Surr: Toluene-d8 96.0 70-130 %Rec 1 8/26/2020 2:34:48 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND mg/Kg 8/26/2020 2:34:48 AM 48 1

99.0

70-130

%Rec

1

8/26/2020 2:34:48 AM

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

Qualifiers:

Surr: BFB

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 13 of 23

Project: SBL Unit 263H-6.28.2020 Spill

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2020 Client Sample ID: BH08-0' Collection Date: 8/20/2020 3:00:00 PM

Lab ID:	2008C40-014	Matrix: SOIL	Rece	ived Date:	8/22/2	020 8:50:00 AM
Analyses		Result	RL Qua	al Units	DF	Date Analyzed
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: BRM
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	8/26/2020 5:29:50 PM
Motor O	il Range Organics (MRO)	ND	50	mg/Kg	1	8/26/2020 5:29:50 PM
Surr:	DNOP	69.0	30.4-154	%Rec	1	8/26/2020 5:29:50 PM
EPA ME	THOD 300.0: ANIONS					Analyst: JMT
Chloride		390	60	mg/Kg	20	8/29/2020 3:24:26 PM
EPA ME	THOD 8260B: VOLATILES S	HORT LIST				Analyst: JMR
Benzene	9	ND	0.023	mg/Kg	1	8/26/2020 3:04:12 AM
Toluene		ND	0.047	mg/Kg	1	8/26/2020 3:04:12 AM
Ethylber	izene	ND	0.047	mg/Kg	1	8/26/2020 3:04:12 AM
Xylenes,	, Total	ND	0.093	mg/Kg	1	8/26/2020 3:04:12 AM
Surr:	1,2-Dichloroethane-d4	95.7	70-130	%Rec	1	8/26/2020 3:04:12 AM
Surr: 4	4-Bromofluorobenzene	92.1	70-130	%Rec	1	8/26/2020 3:04:12 AM
Surr:	Dibromofluoromethane	97.2	70-130	%Rec	1	8/26/2020 3:04:12 AM
Surr:	Toluene-d8	96.1	70-130	%Rec	1	8/26/2020 3:04:12 AM
EPA ME	THOD 8015D MOD: GASOLI	NE RANGE				Analyst: JMR
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	8/26/2020 3:04:12 AM
Surr:	BFB	98.7	70-130	%Rec	1	8/26/2020 3:04:12 AM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 14 of 23

2008C40-015

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020 Client Sample ID: BH09-0' Collection Date: 8/20/2020 3:20:00 PM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGAN	NICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	8/26/2020 5:39:58 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/26/2020 5:39:58 PM
Surr: DNOP	64.2	30.4-154	%Rec	1	8/26/2020 5:39:58 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	210	59	mg/Kg	20	8/29/2020 3:36:51 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: JMR
Benzene	ND	0.024	mg/Kg	1	8/26/2020 3:33:33 AM
Toluene	ND	0.049	mg/Kg	1	8/26/2020 3:33:33 AM
Ethylbenzene	ND	0.049	mg/Kg	1	8/26/2020 3:33:33 AM
Xylenes, Total	ND	0.098	mg/Kg	1	8/26/2020 3:33:33 AM
Surr: 1,2-Dichloroethane-d4	94.4	70-130	%Rec	1	8/26/2020 3:33:33 AM
Surr: 4-Bromofluorobenzene	92.3	70-130	%Rec	1	8/26/2020 3:33:33 AM
Surr: Dibromofluoromethane	93.9	70-130	%Rec	1	8/26/2020 3:33:33 AM
Surr: Toluene-d8	97.3	70-130	%Rec	1	8/26/2020 3:33:33 AM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/26/2020 3:33:33 AM
Surr: BFB	95.6	70-130	%Rec	1	8/26/2020 3:33:33 AM

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 15 of 23

Lab ID:

Project: SBL Unit 263H-6.28.2020 Spill

2008C40-016

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2020 Client Sample ID: BG01-0' Collection Date: 8/20/2020 5:00:00 PM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	8/26/2020 6:20:38 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/26/2020 6:20:38 PM
Surr: DNOP	82.5	30.4-154	%Rec	1	8/26/2020 6:20:38 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	61	mg/Kg	20	8/29/2020 3:49:15 PM
EPA METHOD 8260B: VOLATILES SHORT L	IST				Analyst: JMR
Benzene	ND	0.024	mg/Kg	1	8/26/2020 4:03:07 AM
Toluene	ND	0.049	mg/Kg	1	8/26/2020 4:03:07 AM
Ethylbenzene	ND	0.049	mg/Kg	1	8/26/2020 4:03:07 AM
Xylenes, Total	ND	0.098	mg/Kg	1	8/26/2020 4:03:07 AM
Surr: 1,2-Dichloroethane-d4	94.1	70-130	%Rec	1	8/26/2020 4:03:07 AM
Surr: 4-Bromofluorobenzene	96.5	70-130	%Rec	1	8/26/2020 4:03:07 AM
Surr: Dibromofluoromethane	94.4	70-130	%Rec	1	8/26/2020 4:03:07 AM
Surr: Toluene-d8	97.2	70-130	%Rec	1	8/26/2020 4:03:07 AM
EPA METHOD 8015D MOD: GASOLINE RAN	GE				Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/26/2020 4:03:07 AM
Surr: BFB	98.5	70-130	%Rec	1	8/26/2020 4:03:07 AM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 16 of 23

2008C40-017

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020 Client Sample ID: BG01-6' Collection Date: 8/20/2020 5:10:00 PM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	8/26/2020 6:50:50 PM
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	8/26/2020 6:50:50 PM
Surr: DNOP	66.8	30.4-154	%Rec	1	8/26/2020 6:50:50 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	8/29/2020 4:01:39 PM
EPA METHOD 8260B: VOLATILES SHORT LI	ST				Analyst: JMR
Benzene	ND	0.024	mg/Kg	1	8/26/2020 4:32:35 AM
Toluene	ND	0.049	mg/Kg	1	8/26/2020 4:32:35 AM
Ethylbenzene	ND	0.049	mg/Kg	1	8/26/2020 4:32:35 AM
Xylenes, Total	ND	0.098	mg/Kg	1	8/26/2020 4:32:35 AM
Surr: 1,2-Dichloroethane-d4	92.6	70-130	%Rec	1	8/26/2020 4:32:35 AM
Surr: 4-Bromofluorobenzene	95.9	70-130	%Rec	1	8/26/2020 4:32:35 AM
Surr: Dibromofluoromethane	94.2	70-130	%Rec	1	8/26/2020 4:32:35 AM
Surr: Toluene-d8	96.8	70-130	%Rec	1	8/26/2020 4:32:35 AM
EPA METHOD 8015D MOD: GASOLINE RANG	GE				Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/26/2020 4:32:35 AM
Surr: BFB	98.3	70-130	%Rec	1	8/26/2020 4:32:35 AM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 17 of 23

2008C40-018

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Date Reported: 8/31/2020 Client Sample ID: BG01-8' Collection Date: 8/20/2020 5:20:00 PM

Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL Qua	d Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGAN	NICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	8/26/2020 7:00:51 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/26/2020 7:00:51 PM
Surr: DNOP	46.4	30.4-154	%Rec	1	8/26/2020 7:00:51 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	ND	60	mg/Kg	20	8/29/2020 4:38:52 PM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: JMR
Benzene	ND	0.023	mg/Kg	1	8/26/2020 5:01:59 AM
Toluene	ND	0.047	mg/Kg	1	8/26/2020 5:01:59 AM
Ethylbenzene	ND	0.047	mg/Kg	1	8/26/2020 5:01:59 AM
Xylenes, Total	ND	0.094	mg/Kg	1	8/26/2020 5:01:59 AM
Surr: 1,2-Dichloroethane-d4	96.1	70-130	%Rec	1	8/26/2020 5:01:59 AM
Surr: 4-Bromofluorobenzene	95.5	70-130	%Rec	1	8/26/2020 5:01:59 AM
Surr: Dibromofluoromethane	94.5	70-130	%Rec	1	8/26/2020 5:01:59 AM
Surr: Toluene-d8	97.5	70-130	%Rec	1	8/26/2020 5:01:59 AM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/26/2020 5:01:59 AM
Surr: BFB	98.0	70-130	%Rec	1	8/26/2020 5:01:59 AM

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 18 of 23

OC SUMMARY REPORT ł =

Hall Environmen	tal Analysis Laboratory, Inc.	: 2008C40 31-Aug-20
Client:WescoProject:SBL U	om Inc Jnit 263H-6.28.2020 Spill	
Sample ID: MB-54760	SampType: mblk TestCode: EPA Method 300.0: Anions	
Client ID: PBS	Batch ID: 54760 RunNo: 71445	
Prep Date: 8/28/2020	Analysis Date: 8/28/2020 SeqNo: 2495190 Units: mg/Kg	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit	Qual
Chloride	ND 1.5	
Sample ID: LCS-54760	SampType: Ics TestCode: EPA Method 300.0: Anions	
Client ID: LCSS	Batch ID: 54760 RunNo: 71445	
Prep Date: 8/28/2020	Analysis Date: 8/28/2020 SeqNo: 2495191 Units: mg/Kg	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit	Qual
Chloride	15 1.5 15.00 0 96.7 90 110	
Sample ID: MB-54776	SampType: mblk TestCode: EPA Method 300.0: Anions	
Client ID: PBS	Batch ID: 54776 RunNo: 71475	
Prep Date: 8/28/2020	Analysis Date: 8/29/2020 SeqNo: 2495781 Units: mg/Kg	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit	Qual
Chloride	ND 1.5	
Sample ID: LCS-54776	SampType: Ics TestCode: EPA Method 300.0: Anions	
Client ID: LCSS	Batch ID: 54776 RunNo: 71475	
Prep Date: 8/28/2020	Analysis Date: 8/29/2020 SeqNo: 2495782 Units: mg/Kg	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit	Qual
Chloride	14 1.5 15.00 0 96.5 90 110	
Sample ID: MB-54781	SampType: mblk TestCode: EPA Method 300.0: Anions	
Client ID: PBS	Batch ID: 54781 RunNo: 71481	
Prep Date: 8/29/2020	Analysis Date: 8/29/2020 SeqNo: 2496084 Units: mg/Kg	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit	Qual
Chloride	ND 1.5	

Sample ID: LCS-54781	SampT	ype: Ics		Test	Code: El	PA Method	300.0: Anion	s		
Client ID: LCSS	Batch	ID: 54 7	781	R	unNo: 7	1481				
Prep Date: 8/29/2020	Analysis D	ate: 8/	29/2020	S	eqNo: 24	496085	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 19 of 23

Wescom Inc

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Sample ID: 2008C40-016AMS	SampTy	pe: MS	6	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BG01-0'	Batch	ID: 54	670	R	unNo: 7	1390				
Prep Date: 8/25/2020	Analysis Da	ate: 8/	26/2020	S	eqNo: 24	491969	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.6	47.76	3.099	92.0	47.4	136			
Surr: DNOP	4.2		4.776		88.8	30.4	154			
Sample ID: 2008C40-016AMSI) SampTy	pe: M S	SD	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BG01-0'	Batch	ID: 54	670	R	unNo: 7	1390				
Prep Date: 8/25/2020	Analysis Da	ate: 8/	26/2020	S	eqNo: 24	491970	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	8.8	44.13	3.099	69.9	47.4	136	32.3	43.4	
Surr: DNOP	3.0		4.413		68.7	30.4	154	0	0	
Sample ID: LCS-54660	SampTy	pe: LC	S	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	ID: 54	660	R	unNo: 7	1390				
Prep Date: 8/25/2020	Analysis Da	ate: 8/	26/2020	S	eqNo: 24	492005	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	81.3	70	130			
Surr: DNOP	4.1		5.000		81.4	30.4	154			
Sample ID: LCS-54670	SampTy	pe: LC	S	Tes	Code: EF	PA Method	8015M/D: Diesel Range Organics			
Client ID: LCSS	Batch	ID: 54	670	R	unNo: 7	1390				
Prep Date: 8/25/2020	Analysis Da	ate: 8/	26/2020	S	eqNo: 24	492006	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP	4.1		5.000		81.6	30.4	154			
Sample ID: MB-54660	SampTy	pe: ME	BLK	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	ID: 54	660	R	unNo: 7	1390				
Prep Date: 8/25/2020	Analysis Da	ate: 8/	26/2020	S	eqNo: 24	492009	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.0		10.00		79.6	30.4	154			

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 ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 20 of 23

WO#: 2008C40

31-Aug-20

L.	ronmental Analysis Laboratory, Inc.	WO#: 2008C40 31-Aug-20
Client: Project:	Wescom Inc SBL Unit 263H-6.28.2020 Spill	

Sample ID: MB-54670	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch	ID: 540	670	F	RunNo: 7	1390				
Prep Date: 8/25/2020	Analysis D	ate: 8/ 2	26/2020	S	SeqNo: 2	492010	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.1	30.4	154			

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 21 of 23

.

Wescom Inc

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

0.48

0.5000

Sample ID: Ics-54639	SampT	ype: LC	S4							
Client ID: BatchQC	Batcl	n ID: 546	639	R	RunNo: 7	1349				
Prep Date: 8/24/2020	Analysis D	ate: 8/ 2	25/2020	S	SeqNo: 24	490368	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.7	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.1	0.050	1.000	0	105	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		92.9	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.3	70	130			
Surr: Dibromofluoromethane	0.45		0.5000		90.6	70	130			
Surr: Toluene-d8	0.50		0.5000		100	70	130			
Sample ID: mb-54639	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Sample ID: mb-54639 Client ID: PBS	•	ype: ME 1 ID: 546			tCode: El		8260B: Volat	iles Short	List	
	•	n ID: 546	539	R		1349	8260B: Volat Units: mg/K		List	
Client ID: PBS	Batcl	n ID: 546	639 25/2020	R	RunNo: 7	1349			List RPDLimit	Qual
Client ID: PBS Prep Date: 8/24/2020	Batcl Analysis D	n ID: 54(Date: 8/ 2	639 25/2020	R	RunNo: 7 SeqNo: 2	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte	Batcl Analysis D Result	n ID: 546 Date: 8/2 PQL	639 25/2020	R	RunNo: 7 SeqNo: 2	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene	Batcl Analysis E Result ND	n ID: 546 Date: 8/ 2 PQL 0.025	639 25/2020	R	RunNo: 7 SeqNo: 2	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene Toluene	Batcl Analysis D Result ND ND	Date: 8 /2 PQL 0.025 0.050	639 25/2020	R	RunNo: 7 SeqNo: 2	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene Toluene Ethylbenzene	Batcl Analysis E Result ND ND ND	Date: 8 /2 PQL 0.025 0.050 0.050	639 25/2020	R	RunNo: 7 SeqNo: 2	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batcl Analysis E Result ND ND ND ND	Date: 8 /2 PQL 0.025 0.050 0.050	539 25/2020 SPK value	R	RunNo: 7 SeqNo: 2 %REC	1349 490369 LowLimit	Units: mg/K HighLimit	g		Qual

Qualifiers:

Surr: Toluene-d8

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

95.7

70

130

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 22 of 23

WO#: 2008C40

31-Aug-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Page 84 of 262	2
----------------	---

	WO#:	2008C40	
Analysis Laboratory, Inc.		31-Aug-20	

	⁷ escom Inc BL Unit 263H-6.	28.2020	Spill							
Sample ID: Ics-54639	Samp	Type: LC	S	TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Bat	ch ID: 54	639	F	unNo: 7	1349				
Prep Date: 8/24/202	0 Analysis	Date: 8/	25/2020	S	eqNo: 24	490400	Units: mg/k	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (G	GRO) 20	5.0	25.00	0	80.4	70	130			
Surr: BFB	470		500.0		94.9	70	130			
Sample ID: mb-54639	Samp	Type: ME	BLK	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Bat	ch ID: 54	639	F	unNo: 7	1349				
Prep Date: 8/24/202	0 Analysis	Date: 8/	25/2020	S	eqNo: 24	490401	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (0		5.0								
Surr: BFB	480		500.0		95.7	70	130			
Sample ID: 2008c40-0	001ams Samp	Type: MS	6	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: BH01-0'	Bat	ch ID: 54	639	F	tunNo: 7	1349				
Prep Date: 8/24/202	0 Analysis	Date: 8/	25/2020	S	eqNo: 24	490559	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (G	GRO) 31	4.8	24.20	6.395	102	49.2	122			
Surr: BFB	470		484.0		97.1	70	130			
Sample ID: 2008c40-0	001amsd Samp	Type: MS	SD	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: BH01-0'	Bat	ch ID: 54	639	F	tunNo: 7	1349				
Prep Date: 8/24/202	0 Analysis	Date: 8/	25/2020	S	eqNo: 24	490560	Units: mg/k	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (0	,	4.6	22.98	6.395	91.7	49.2	122	12.5	20	
Surr: BFB	450		459.6		98.4	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 23 of 23

.

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albn TEL: 505-345-3975 Website: clients.ha	4901 Ha iquerque, N FAX: 505-	wkins NE IM 87109 Sa 345-4107						
Client Name: Wescom Inc	Work Order Number:	2008C40)	ReptNo	: 1				
Received By: Juan Rojas Completed By: Juan Rojas Reviewed By: WWWW	8/22/2020 8:50:00 AM 8/22/2020 9:17:24 AM		Wand L	2 2					
Chain of Custody 1. Is Chain of Custody complete? 2. How was the sample delivered?		Yes 🗹 <u>Courier</u>	No 🗆	Not Present 🗌					
Log in 3. Was an attempt made to cool the samples?		Yes 🗹	No 🗌	NA 🗆					
Were all samples received at a temperature of	f >0° C to 6.0°C	Yes 🔽	No 🗆	NA 🗌					
5. Sample(s) in proper container(s)?		Yes 🗹	No 📋						
6. Sufficient sample volume for indicated test(s)?	?	Yes 🗹	No 🗔						
7. Are samples (except VOA and ONG) properly	preserved?	Yes 🔽	No 🗔						
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗀					
9. Received at least 1 vial with headspace <1/4"	for AQ VOA?	Yes 🛄	No 🗆	NA 🗹					
10. Were any sample containers received broken	?	Yes 🗆	No 🗹	the of process and					
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🖌	No 🗌	# of preserved bottles checked for pH: (<2 or	Ja unless noted)				
12. Are matrices correctly identified on Chain of C	ustody?	Yes 🗹	No 🗌	Adjusted?					
13. Is it clear what analyses were requested?		Yes 🗹	No 🗌		a chalan				
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by:	16 8/24/80				
Spec <u>ial Handling (if applicable)</u>									
15. Was client notified of all discrepancies with th	is order?	Yes 📋	No 🗆	NA 🗹					
Person Notified: By Whom: Regarding: Client Instructions:	Date Via:] eMail [] Phone [] Fax						

16. Additional remarks:

17. Cooler Information

Cooler	No Temp °C	Condition	Seal intact	Seaf No	Seal Date	Signed By
1	0.4	Good				
2	0.3	Good				

Page 1 of 1

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com	37109				:43 2						·	· · · · · · · · · · · · · · · · · · ·													P	age {	86 of	
ALL ENVIRON NALYSIS LAB(www.hallenvironmental.com	Inerque, I	Fax 505-345-4107	Analysis Request	(tu	əsq	Altr			<u>-</u> ^C	imə	≊) 0 S) 0 (∧	728																sarly notated
S S	Albuc	Fa	alysi	<u>م</u>	S '*(Dd	^{י2} 0١	J "			<u>е, к</u>			Х	X	χ	Х	Х	X	$\overline{\mathbf{x}}$		\mathbf{x}	$\overline{\mathbf{x}}$	\forall				ll be cl
	Т		An		<u> </u>						3 A F		$ \bigtriangleup $	\neg	\sim				•	7	-	~	~	4	-			data wi
HALL ANAL	ns N	5-39			SW	IISO	728	or	018	y 83	q s⊧	IAЧ																racted
IQ	awki)5-34					(1.	Þ09	; po	pdte	W) E	EDI																b -cant
	4901 Hawkins NE	Tel. 505-345-3975				-		-			l Pe														20			Any si
	4	Т									08:1	-	Д	ΊX	Х	Х	X	Х	.×		\succeq	\geq	\geq	걱	Remárks:			sibility.
				<u></u> (L	208			. / R	38. 		$\underline{\leftarrow}$	IT B	\mathbb{X}	X	X	Х	Х	Ц	.>~	· >	*	~	·×	イ		-	0	his pos
me: 5 daey Rush	1. Ide norreat					@ Welloninc.com	e/Ashley Graven			(c.) 	0.3-0:20-3 Heal No	DONSCYO	-001	-002	-00	-00 d	2002	-006	7007	SOOL	600-	010	110-	-00-	Date Time	Date Time	Startho 8:50	accepted laboratories. This serves as notice of this possibility. Any sub-confracted data will be clearly notated on the analytical report.
	Jnit	Project #:		Project Manager:	Shar Harvesher	shar. hanvester a welconinc. com	Sampler: Shar Huruet		ilers: <	Cooler Temp(malualing CF): 0.	ouitern	# Type	1 Jar /ce											0	Received by Via:	Receiver by: Via:	the router	intracted to other accredited laboratoric
y Record	Mailing Address: 1224 Standolbe Zcl	Carlsbad Nin 8220	Phone #:	email or Fax#:	QA/QC Package:	Claudard Clauderd Clauderd	□ Az Compliance	D Other	🗆 EDD (Type) 🔰 👘			Date Time Matrix Sample Name	8/20 10:30 S BHOI-0'	8/20/2:01/m5 BHO1-8	5	8120 11:17 5 BHO2. 6'	x120 12:40m5 6403-0'	20	8120 14:10 5 BH04 - 0'	\$120 14:30 5 8 HO41 - 10'	8/20 15:30 5 BHO5-0'	\$ 20 15:45 S B HOS - 6'	8)20 No:00 5 BHOLO-0'	A RHOR 6'	Retinguished by:	Date, Influence Dy	100 900 9/11/11/11/11/11/11	if necessary, samples submitted to Hali Environmental may be subcardacted to dthe

.....

.

Received by OCD: 8/12/2021	9:43:43 AM					Page 87 of 262
ЧŸ]
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Boomes						5
						al e
ME 710%						analytiv
N 8						
R 141. 141. 141.	Total Coliform (Present/Absent)					Tated o
IALL ENVIRONME NALYSIS LABOR/ www.hallenvironmental.com ns NE - Albuquerque, NM 87109 (5-3975 Fax 505-345-4107 Analweis Boomost	(AOV-ime2) 0728					Pate Time Remarks: Pate 1045 Date Time Date Time S172170 5.350 This serves as notice of this possibility. Any sub-confracted data will be clearly notated on the analytical report.
Nirot SI Fax	(AOV) 0828					- <u></u>
	C) E' BL' NO ³ ' NO ⁵ ' DO ⁴ ' 20 ⁴					
HALL ANAL www.hal kins NE - 345-3975	RCRA 8 Metals		┢╸╿╴╿	· · · · · · · · · · · · · · · · · · ·		ted dai
A 86 w A 86	EDB (Method 504.1) PAHs by 8310 or 8270SIMS					outrac
HALL ANAL www.ha 4901 Hawkins NE Tel. 505-345-3975	8081 Pesticides/8082 PCB's		+ $+$ $+$			- ² 478
1 el. 1						ראַג איי איי איי
	BTEX) MTBE / TMB's (8021)			77+		Remarks:
		<u>i</u> d-		77+		
6.28.2020 5 pill						ime 1045 6.300 6.300 fina
- 28. 2 5 Pill	2 C C C C C C C C C C C C C C C C C C C	200-	612	+10-1-	· · · · ·	Time Time
28	10000000000000000000000000000000000000	I I T	171	1		Pate Date Date 1
	r: rester 2 w rester 2 w r Harriester reservative 0.4-0 reservative 0.4-0 reservative 0.70					
Rush Rush	res for the		╘┉┝═┥			Via: Via: Oc r.ier adited laborat
	Ager: Harvester. Let Harvier Diffes Minchultace: 0 Minchultace: 0	17				
Turn-Around Time: Sd_{e} r_{s} Standard \Box Rush Project Name: SBL Unit 263 H Project #:	Project Manager: Shar Harvester Juescomine Shar. Harvester Juescomine Sampler: Shar Harvester Jahley On Ice: Jryes I No. # of Coolers: Juyes I No. # of Coolers: Juyes I No. Container Preservative 0.1 - 0.0 - 0.3 Container Preservative 7.00% V.					
나랑 전문을 나갔다.	Project Mana Shar. Han Sampler. Man Sampler. Man Sampler. Man Sampler. Man Soller Temp Cooler Temp Container Type and #	A V				R R R R
Tum-Arc Project N Project #	Project Mi Shar. Shar. Sampler: On Ice Coole Te Coole Te	17-				Received by
			┤─┨─┨		┨┼┼┼┼	
$\mathbf{v} \mid \mathbf{v}$	Level 4 (Full Validation)					at per
				- 9-		
y Reco				- vo		
		l tt ∞	न्त्र			
stod	□ Level 4 (Full V npliance Sample Name	4407 4408	8409 8601	চিল্ল বিলিধ		
Lustod		ब ब	4 3	य य		
F-Custody Rec Im Inc. 22 4 Standeig N. M. Standeig	II 'I 쪽 등 III - ×			22		Relinguished by Relinguished by Relinguished by MMM ML samples submitted to Hall Envird
Jain-of-Cl Jcscam Jdress: 122 4						
		100 0	7:00	0: E		Time: 1045 Time: 1900 freesesary,
Chain-of-Custody Record ^t (J) cs cam Inc. ^{g Address:} 122 4 Standpipe 1 Is bad, N. M. 88330	Time		104			<u>Т</u> ПШе: ТТППе: ГТППе: Г
Client: LUCScam Inc. Client: LUCScam Inc. Mailing Address: 122 4 Standpi arls bad, N.M. 8833	email or Fax#: QA/OC Package: □ Standard Accreditation: □ NELAC □ EDD (Type) Date Time	8120 8120	8/20 8/20	<u>s 20</u>		Pate: Time: Date: 1045 Date: 11me: 00100 1900
		N N	2 2 2	<u>7</u>		

•

.

.

•



June 22, 2021

Shar Harvester Wescom Inc 1907 San Jose Blvd. Apt. 425 Carlsbad, NM 88220 TEL: (575) 499-6831 FAX:

RE: SB2 Unit 263H

OrderNo.: 2106815

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Shar Harvester:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/16/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2106815

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/22/2021

CLIENT:	Wescom Inc
Project:	SB2 Unit 263H

2106815-001

Lab ID:

Client Sample ID: HBH01-01 6.5' Collection Date: 6/15/2021 10:53:00 AM Received Date: 6/16/2021 7:35:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/16/2021 10:28:54 AM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/16/2021 10:28:54 AM
Surr: DNOP	83.2	70-130	%Rec	1	6/16/2021 10:28:54 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	6/16/2021 9:04:29 AM
Surr: BFB	104	70-130	%Rec	1	6/16/2021 9:04:29 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.021	mg/Kg	1	6/16/2021 9:04:29 AM
Toluene	ND	0.042	mg/Kg	1	6/16/2021 9:04:29 AM
Ethylbenzene	ND	0.042	mg/Kg	1	6/16/2021 9:04:29 AM
Xylenes, Total	ND	0.084	mg/Kg	1	6/16/2021 9:04:29 AM
Surr: 4-Bromofluorobenzene	97.3	70-130	%Rec	1	6/16/2021 9:04:29 AM
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	ND	60	mg/Kg	20	6/16/2021 9:00:27 AM

Matrix: MEOH (SOIL)

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 1 of 13

Analyses

Analytical Report Lab Order 2106815

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/22/2021

CLIENT:	Wescom Inc
Project:	SB2 Unit 263H
Lab ID:	2106815-002

Diesel Range Organics (DRO)

Client Sample ID: HBH01-05 27-29' Collection Date: 6/15/2021 1:05:00 PM Received Date: 6/16/2021 7:35:00 AM

Matrix: MEOH (SOIL) Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB mg/Kg 6/16/2021 10:40:56 AM ND 9.2 1 Motor Oil Range Organics (MRO) ND 6/16/2021 10:40:56 AM 46 mg/Kg 1

5 5 ()			0 0		
Surr: DNOP	84.9	70-130	%Rec	1	6/16/2021 10:40:56 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	6/16/2021 9:27:55 AM
Surr: BFB	103	70-130	%Rec	1	6/16/2021 9:27:55 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.021	mg/Kg	1	6/16/2021 9:27:55 AM
Toluene	ND	0.042	mg/Kg	1	6/16/2021 9:27:55 AM
Ethylbenzene	ND	0.042	mg/Kg	1	6/16/2021 9:27:55 AM
Xylenes, Total	ND	0.085	mg/Kg	1	6/16/2021 9:27:55 AM
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	1	6/16/2021 9:27:55 AM
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	ND	60	mg/Kg	20	6/16/2021 9:12:52 AM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 2 of 13

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

EPA METHOD 8015D: GASOLINE RANGE

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2106815

Date Reported: 6/22/2021

6/16/2021 1:59:23 PM

Analyst: JMR

CLIENT: Wescom Inc	Client Sample ID: Water Tank									
Project: SB2 Unit 263H	Collection Date: 6/15/2021 2:00:00 PM									
Lab ID: 2106815-003	Matrix: AQUEOUS Received Date: 6/16/2021 7:35:00 AM									
Analyses	Result	RL Qu	al Units	DF	Date Analyzed					
EPA METHOD 8015M/D: DIESEL RANGE					Analyst: SB					
Diesel Range Organics (DRO)	ND	1.0	mg/L	1	6/16/2021 12:13:47 PM					
Motor Oil Range Organics (MRO)	ND	5.0	mg/L	1	6/16/2021 12:13:47 PM					
Surr: DNOP	87.7	63.7-164	%Rec	1	6/16/2021 12:13:47 PM					
EPA METHOD 300.0: ANIONS					Analyst: MRA					
Chloride	65	10	mg/L	20	6/16/2021 12:10:26 PM					
EPA METHOD 8260: VOLATILES SHORT I	list				Analyst: JMR					

ND

ND

ND

ND

99.3

ND

99.1

1.0

1.0

1.0

1.5

70-130

0.050

70-130

Ρ

Р

Ρ

Ρ

Р

Р

Р

µg/L

µg/L

µg/L

µg/L

%Rec

mg/L

%Rec

1

1

1

1

1

1

1

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 3 of 13

Analytical Report Lab Order 2106815

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/22/2021

CLIENT:	Wescom Inc
Project:	SB2 Unit 263H

2106815-004

Lab ID:

Client Sample ID: HBH01-07 59-61' Collection Date: 6/15/2021 2:00:00 PM Received Date: 6/16/2021 7:35:00 AM

Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 6/16/2021 10:52:56 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 6/16/2021 10:52:56 AM Surr: DNOP 84.9 70-130 %Rec 1 6/16/2021 10:52:56 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 6/16/2021 9:51:43 AM 5.0 mg/Kg 1 Surr: BFB 101 70-130 %Rec 1 6/16/2021 9:51:43 AM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 6/16/2021 9:51:43 AM 1 Toluene ND 0.050 mg/Kg 1 6/16/2021 9:51:43 AM Ethylbenzene ND 0.050 mg/Kg 1 6/16/2021 9:51:43 AM Xylenes, Total ND 0.10 mg/Kg 1 6/16/2021 9:51:43 AM Surr: 4-Bromofluorobenzene 93.1 70-130 %Rec 1 6/16/2021 9:51:43 AM Analyst: VP **EPA METHOD 300.0: ANIONS** Chloride ND 60 6/16/2021 9:25:17 AM

Matrix: MEOH (SOIL)

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- POL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits

ma/Ka

20

- Р Sample pH Not In Range
- Reporting Limit RL

Page 4 of 13

Client: Project:		om Inc Unit 263H									
Sample ID:	MB-60667	SampTy	pe: ME	BLK	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	ID: 60	667	F	RunNo: 7 9	9104				
Prep Date:	6/16/2021	Analysis Da	ate: 6/	16/2021	S	SeqNo: 27	777576	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-60667	SampTy	pe: LC	S	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 60	667	F	RunNo: 7 9	9104				
Prep Date:	6/16/2021	Analysis Da	ate: 6/	16/2021	S	SeqNo: 27	777578	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	91.7	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 5 of 13

2106815

22-Jun-21

WO#:

Released to Imaging: 9/14/2021 10:07:14 AM

Client: Project:	Wescom Inc SB2 Unit 263H
Sample ID: MB	SampType: mblk TestCode: EPA Method 300.0: Anions
Client ID: PBW	Batch ID: R79141 RunNo: 79141
Prep Date:	Analysis Date: 6/16/2021 SeqNo: 2777913 Units: mg/L
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND 0.50
Sample ID: LCS	SampType: Ics TestCode: EPA Method 300.0: Anions
Client ID: LCSW	Batch ID: R79141 RunNo: 79141
Prep Date:	Analysis Date: 6/16/2021 SeqNo: 2777924 Units: mg/L
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	4.7 0.50 5.000 0 94.5 90 110

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 6 of 13

2106815

22-Jun-21

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Wescom	Inc									
Project: SB2 Uni	t 263H									
Sample ID: MB-60668	SampTy	pe: ME	BLK	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch	ID: 60	668	R	unNo: 7 9	9110				
Prep Date: 6/16/2021	Analysis Da	te: 6/	16/2021	S	eqNo: 27	776846	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		85.4	70	130			
Sample ID: LCS-60668	SampTy	pe: LC	S	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	ID: 60	668	R	unNo: 7 9	9110				
Prep Date: 6/16/2021	Analysis Da	te: 6/	16/2021	S	eqNo: 27	776847	Units: mg/K	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.3	68.9	141			
Surr: DNOP	4.1		5.000		82.3	70	130			
Sample ID: 2106815-001AMS	SampTy	pe: MS	6	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: HBH01-01 6.5'	Batch	ID: 60	668	R	unNo: 7 9	9110				
Prep Date: 6/16/2021	Analysis Da	te: 6/	16/2021	S	eqNo: 27	776851	Units: mg/K	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	9.4	46.99	5.883	75.8	15	184			
Surr: DNOP	4.0		4.699		86.0	70	130			
Sample ID: 2106815-001AMS	D SampTy	pe: MS	SD	Tes	Code: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: HBH01-01 6.5'	Batch	ID: 60	668	R	unNo: 7 9	9110				
Prep Date: 6/16/2021	Analysis Da	te: 6/	16/2021	S	eqNo: 27	776852	Units: mg/K	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.3	46.64	5.883	85.5	15	184	9.72	23.9	
Surr: DNOP	3.9		4.664		82.7	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

2106815

22-Jun-21

Client: Wescor Project: SB2 Ur	n Inc nit 263H									
Sample ID: MB-60669	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	9	
Client ID: PBW	Batc	h ID: 60	669	F	RunNo: 7 9	9088				
Prep Date: 6/16/2021	Analysis E	Date: 6/	16/2021	S	SeqNo: 2	777043	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	1.0								
Motor Oil Range Organics (MRO)	ND	5.0								
Surr: DNOP	0.45		0.5000		90.7	63.7	164			
Sample ID: LCS-60669	SampT	Type: LC	S	Tes	TestCode: EPA Method 8015M/D: Diesel Range					
Client ID: LCSW	Batc	h ID: 60	669	F	RunNo: 7 9	9088				
Prep Date: 6/16/2021	Analysis I	Date: 6/	16/2021	S	SeqNo: 2	777052	Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	2.5	1.0	2.500	0	98.9	70	130			
Surr: DNOP	0.24		0.2500		95.0	63.7	164			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 8 of 13

2106815

22-Jun-21

	Wescom Inc SB2 Unit 263H									
Sample ID: mb	Sam	oType: MI	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Bat	Batch ID: G79119		R	RunNo: 7	9119				
Prep Date:	Analysis	Date: 6/	16/2021	S	SeqNo: 2	777461	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	(GRO) ND	5.0								
Surr: BFB	1000		1000		104	70	130			
Sample ID: 2.5ug gr	o Ics Sam	oType: LC	s	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Bat	ch ID: G7	/9119	R	RunNo: 7 9	9119				
Prep Date:	Analysis	Date: 6/	16/2021	S	SeqNo: 2	777462	Units: mg/K	íg		
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	78.6	131			
Surr: BFB	1200		1000		117	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 range due to dilution or matrix

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

2106815

22-Jun-21

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	Wescom Inc									
Project:	SB2 Unit 263H									
Sample ID: mb	Samp	Type: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Bato	h ID: B7	9119	F	RunNo: 7 9	9119				
Prep Date:	Analysis	Date: 6/	16/2021	S	SeqNo: 2	777494	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-Bromofluorober	nzene 0.96		1.000		95.6	70	130			
Sample ID: 100ng k	otex Ics Samp	Type: LC	S	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Bato	ch ID: B7	9119	RunNo: 79119						
Prep Date:	Analysis	Date: 6/	16/2021	S	SeqNo: 27	777495	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.2	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
	1.0									
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 10 of 13

2106815

22-Jun-21

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Page	99	of 262

WO#:	2	2106815					
	22						

22-Jun-21

Client: Wescom Project: SB2 Uni										
Sample ID: 100ng Ics	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8260: Volatile	es Short L	.ist	
Client ID: LCSW	Batc	h ID: A7	9124	F	RunNo: 79124					
Prep Date:	Analysis E	Date: 6/	16/2021	S	SeqNo: 2	777227	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	110	70	130			
Toluene	23	1.0	20.00	0	116	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	9.2		10.00		92.2	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	11		10.00		106	70	130			
Sample ID: mb	SampType: MBLK			Tes	tCode: El	PA Method	8260: Volatile	es Short L	.ist	
Client ID: PBW	Batc	h ID: A7	9124	F	RunNo: 7	9124				
Prep Date:	Analysis E	Date: 6/	16/2021	S	SeqNo: 2	777228	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Kylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.6		10.00		96.3	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.0	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	9.9		10.00		98.7	70	130			
Sample ID: 2106815-003ams	SampT	Гуре: М	3	TestCode: EPA Method 8260: Volatiles Short List						
Client ID: Water Tank	Batc	h ID: A7	9124	F	RunNo: 7	9124				
Prep Date:	Analysis E	Date: 6/	16/2021	S	SeqNo: 2	777997	Units: µg/L			
Analyte	Result	PQL		SPK Ref Val		LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	110	70	130			
Toluene	ND	1.0	20.00	0	2.67	70	130			S
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.7	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.9	70	130			
Surr: Dibromofluoromethane	11		10.00		105	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			
Sample ID: 2106815-003ams	d Samp1	Гуре: М	SD	Tes	tCode: El	PA Method	8260: Volatile	es Short L	.ist	
Client ID: Water Tank	Batc	h ID: A7	9124	F	RunNo: 7	9124				
Prep Date:	Analysis E	Date: 6/	16/2021	5	SeqNo: 2	777998	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	70	130	5.67	20	
Toluene	ND	1.0	20.00	0	1.45	70	130	0	20	RS
Qualifiance										

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 13

.

B Analyte detected in the associated Method Blank

WO#:	2106815
	22-Jun-21

Client:	Wescom Inc
Project:	SB2 Unit 263H

Sample ID: 2106815-003amsd	SampT	ype: M \$	SD	Tes	tCode: El	PA Method	8260: Volatile	es Short L	.ist	
Client ID: Water Tank	Batch	ID: A7	9124	R	unNo: 7	9124				
Prep Date:	Analysis D	ate: 6/	16/2021	S	eqNo: 2	777998	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	8.9		10.00		88.9	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.6		10.00		96.4	70	130	0	0	
Surr: Dibromofluoromethane	10		10.00		104	70	130	0	0	
Surr: Toluene-d8	9.5		10.00		95.0	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 12 of 13

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	om Inc Init 263H													
Sample ID: 2.5ug gro Ics	Samp	Гуре: LC	S	TestCode: EPA Method 8015D: Gasoline Range										
Client ID: LCSW	Batc	h ID: B7	9124	F	RunNo: 7 9	9124								
Prep Date:	Analysis [Date: 6/	16/2021	S	SeqNo: 27	777236	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Organics (GRO)	0.41	0.050	0.5000	0	82.0	70	130							
Surr: 4-Bromofluorobenzene	9.6		10.00		95.6	70	130							
Sample ID: mb	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	ine Rang	e					
Client ID: PBW	Batc	h ID: B7	9124	F	RunNo: 79	9124								
Prep Date:	Analysis [Date: 6/	16/2021	S	SeqNo: 27	777237	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range Organics (GRO)	ND	0.050												
Surr: 4-Bromofluorobenzene	9.6		10.00		96.1	70	130							

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 13 of 13

WO#: 2106815 22-Jun-21

Page	102	of 262	

ENVIRONMENTAL ANALYSIS	Iall Environmental Alb FEL: 505-345-3975 Website: clients.ha	490 uquerg 5 FAX:	1 Haw ue, Nλ 505-34	kins NE 1 87109 45-4107	Page Sample Log-In Check List					
Client Name: Wescom Inc Wo	rk Order Number	: 210	6815			RcptNo: 1				
Received By: Juan Rojas 6/16/2	2021 7:35:00 AM			440	nênG					
	2021 7:47: 3 7 AM			c la	nang) V					
Reviewed By: SEC Cell6/21				Care						
Chain of Custody										
1. Is Chain of Custody complete?		Yes	\checkmark	N	o 🗌	Not Present				
2. How was the sample delivered?		Cou	rier							
Log In			11-12-5			_				
3. Was an attempt made to cool the samples?		Yes	\checkmark	N	o 🗌	NA 🗌				
4. Were all samples received at a temperature of >0° of	C to 6.0°C	Yes	\checkmark	N	•					
5. Sample(s) in proper container(s)?		Yes	✓	N	•					
6. Sufficient sample volume for indicated test(s)?		Yes	✓	N	•					
7. Are samples (except VOA and ONG) properly present	rved?	Yes	~	N	b					
8. Was preservative added to bottles?		Yes		Ν		NA 🗌				
9. Received at least 1 vial with headspace <1/4" for AG	VOA?	Yes		N	•	NA 🗹				
10. Were any sample containers received broken?		Yes		N	o 🔽	# of preserved bottles checked				
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	\checkmark	Ν	•	for pH: (<2 or >12 unless noted)				
12. Are matrices correctly identified on Chain of Custody	17	Yes	\checkmark	N	• 🗆	Adjusted?				
13. Is it clear what analyses were requested?		Yes	\checkmark	N		121111				
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes	\checkmark	Ν	•	Checked by: SR 6/16/				
Special Handling (if applicable)					L					
15. Was client notified of all discrepancies with this order	er?	Yes		N	o 🗌	NA 🔽				
Person Notified:	Date:				-					
By Whom:	Via: [eM	ail 🗌	Phone	Fax					
Regarding: Client Instructions:										
16. Additional remarks:										
17. Cooler Information										
Cooler No Temp °C Condition Seal Inter	ct Seal No	Seal D	ate	Signe	d Bv					
1 0.7 Good			NO27404-1							

Page 1 of 1

Received by	OCI): 8/12	/2021	9:43	8:43 AM	·														Page 103 of	262
HALL ENVIRONMENTAL ANALYSTS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107 Analvsis Request	, in (11)) ' ² ON	s ,E	810 (0) (0)	y 82 8 Mé 3r, 1 70A	PPHs b PPHs b PCR (PCF (PCF (PCF (PCF) (Also ec: chentral @ Kfac.net		ib-contracted data will be clearly notated on the analytical report.
		901 H	el. 5(- Contraction - Description					9 1808									1000		Any st
		46		1	NAM 1 O	NAME AND ADDRESS		2-22-24	22/22/04/04	\cap	*	¥	×		,				Remarks:		sibility.
				0	r 208) e'	<u>amt</u>	1:	38.		NX II B	*	×	×	X		 _	_	 	Re	6	this pos
Turn-Around Time:	Project Name:	SBL Writ 2034		Prostoning. Con Project Manager:	Shar Harvester	r SH	On Ice: JE Yes D No	# of Coolers: 1	Cooler Templinduding CF): O. 5-0.1-0.7 (°C)	ContainerPreservativeHEAL No.Type and #Type7_106815		_	var. 5 ice/#cr		6/21				Received M: Via: Date Time	Received by Via: 6/16/21 7 1 30	necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
Chain-of-Custody Record		Mailing Address: 1224 Shendpipe 2d	L	email or Fax#: Sher. harvester	Level 4	:uo		DEDD (Type)		Date Time Matrix Sample Name	6/15/2/ 10'53 50:1 HBH01-01 6.5"	13:05 HB HOLOS 27-29'		14,00 Soil HB HB1-07 Squel	ple pottle j				Date: Time: Relinquished by:	6 5 24 1600 1 10 the loves Date: Time: Relinquished by: Elosta / 400	If necessary, samples submitted to Hall Environmental may be sub-



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

October 28, 2020

Shar Harvester WESCOM INC 1907 San Jose Blvd Carlsbad, NM 88220 TEL: FAX

RE: SBL Unit 263H 6 28 2020 Spill

OrderNo.: 2010951

Dear Shar Harvester:

Hall Environmental Analysis Laboratory received 26 sample(s) on 10/21/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC Client Sample ID: BH01 0' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:30:00 AM Lab ID: 2010951-001 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) 12 9.6 mg/Kg 1 10/21/2020 12:19:26 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/21/2020 12:19:26 PM Surr: DNOP 102 30.4-154 %Rec 1 10/21/2020 12:19:26 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 3:17:29 PM 3.6 mg/Kg 1 Surr: BFB 97.3 75.3-105 %Rec 1 10/21/2020 3:17:29 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.018 mg/Kg 10/21/2020 3:17:29 PM 1 Toluene ND 0.036 mg/Kg 1 10/21/2020 3:17:29 PM Ethylbenzene ND 0.036 mg/Kg 1 10/21/2020 3:17:29 PM Xylenes, Total ND 0.072 mg/Kg 1 10/21/2020 3:17:29 PM Surr: 4-Bromofluorobenzene 102 80-120 %Rec 1 10/21/2020 3:17:29 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 60 10/21/2020 7:45:09 PM 100 ma/Ka 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 Н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit POL
- Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 1 of 35

CLIENT: WESCOM INC

Project:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH01 1' Collection Date: 10/20/2020 9:32:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-002	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM								
Analyses	Result	RL Qu	al Units	DF	Date Analyzed					
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM					
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	10/22/2020 2:40:41 PM					
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/22/2020 2:40:41 PM					
Surr: DNOP	121	30.4-154	%Rec	1	10/22/2020 2:40:41 PM					
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB					
Gasoline Range Organics (GRO)	ND	4.0	mg/Kg	1	10/21/2020 4:28:18 PM					
Surr: BFB	96.1	75.3-105	%Rec	1	10/21/2020 4:28:18 PM					
EPA METHOD 8021B: VOLATILES					Analyst: NSB					
Benzene	ND	0.020	mg/Kg	1	10/21/2020 4:28:18 PM					
Toluene	ND	0.040	mg/Kg	1	10/21/2020 4:28:18 PM					
Ethylbenzene	ND	0.040	mg/Kg	1	10/21/2020 4:28:18 PM					
Xylenes, Total	ND	0.080	mg/Kg	1	10/21/2020 4:28:18 PM					
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	10/21/2020 4:28:18 PM					
EPA METHOD 300.0: ANIONS					Analyst: CAS					
Chloride	97	60	mg/Kg	20	10/23/2020 1:32:37 PM					

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 2 of 35

CLIENT: WESCOM INC

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH01 2' Collection Date: 10/20/2020 9:35:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-003	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM								
Analyses	Result	RL Qu	al Units	DF	Date Analyzed					
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM					
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/22/2020 2:50:26 PM					
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/22/2020 2:50:26 PM					
Surr: DNOP	115	30.4-154	%Rec	1	10/22/2020 2:50:26 PM					
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: NSB					
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	10/21/2020 5:39:12 PM					
Surr: BFB	94.3	75.3-105	%Rec	1	10/21/2020 5:39:12 PM					
EPA METHOD 8021B: VOLATILES					Analyst: NSB					
Benzene	ND	0.021	mg/Kg	1	10/21/2020 5:39:12 PM					
Toluene	ND	0.042	mg/Kg	1	10/21/2020 5:39:12 PM					
Ethylbenzene	ND	0.042	mg/Kg	1	10/21/2020 5:39:12 PM					
Xylenes, Total	ND	0.084	mg/Kg	1	10/21/2020 5:39:12 PM					
Surr: 4-Bromofluorobenzene	98.2	80-120	%Rec	1	10/21/2020 5:39:12 PM					
EPA METHOD 300.0: ANIONS					Analyst: CAS					
Chloride	140	60	mg/Kg	20	10/23/2020 1:45:02 PM					

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
 - Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 3 of 35

CLIENT: WESCOM INC

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/28/2020 Client Sample ID: BH01 3' Collection Date: 10/20/2020 9:38:00 AM oived D to. 10/21/2020 8.00.00 AM -

Lab ID: 2010951-004	Matrix: SOIL	Rece	Received Date: 10/21/2020 8:00:00 AM								
Analyses	Result	RL Qu	al Units	DF	Date Analyzed						
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: BRM						
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/22/2020 10:45:05 AM						
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/22/2020 10:45:05 AM						
Surr: DNOP	116	30.4-154	%Rec	1	10/22/2020 10:45:05 AM						
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst: RAA						
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/22/2020 9:34:24 AM						
Surr: BFB	96.0	75.3-105	%Rec	1	10/22/2020 9:34:24 AM						
EPA METHOD 8021B: VOLATILES					Analyst: RAA						
Benzene	ND	0.025	mg/Kg	1	10/22/2020 9:34:24 AM						
Toluene	ND	0.050	mg/Kg	1	10/22/2020 9:34:24 AM						
Ethylbenzene	ND	0.050	mg/Kg	1	10/22/2020 9:34:24 AM						
Xylenes, Total	ND	0.10	mg/Kg	1	10/22/2020 9:34:24 AM						
Surr: 4-Bromofluorobenzene	99.4	80-120	%Rec	1	10/22/2020 9:34:24 AM						
EPA METHOD 300.0: ANIONS					Analyst: CAS						
Chloride	74	60	mg/Kg	20	10/23/2020 12:16:22 AM						

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 4 of 35
Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/28/2020 Client Sample ID: BH01 4' Collection Date: 10/20/2020 9:45:00 AM Pageived Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-005	Matrix: SOIL	Rece	/2020 8:00:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/22/2020 10:54:46 AM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/22/2020 10:54:46 AM
Surr: DNOP	141	30.4-154	%Rec	1	10/22/2020 10:54:46 AM
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/22/2020 10:45:34 AM
Surr: BFB	98.1	75.3-105	%Rec	1	10/22/2020 10:45:34 AM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	10/22/2020 10:45:34 AM
Toluene	ND	0.048	mg/Kg	1	10/22/2020 10:45:34 AM
Ethylbenzene	ND	0.048	mg/Kg	1	10/22/2020 10:45:34 AM
Xylenes, Total	ND	0.097	mg/Kg	1	10/22/2020 10:45:34 AM
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/22/2020 10:45:34 AM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	66	60	mg/Kg	20	10/23/2020 12:53:35 AM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 5 of 35

.

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC Client Sample ID: BH01 5' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:50:00 AM Lab ID: 2010951-006 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 10/22/2020 11:04:29 AM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/22/2020 11:04:29 AM Surr: DNOP 97.7 30.4-154 %Rec 1 10/22/2020 11:04:29 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 11:57:00 AM 4.7 mg/Kg 1 Surr: BFB 96.9 75.3-105 %Rec 1 10/22/2020 11:57:00 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.023 mg/Kg 10/22/2020 11:57:00 AM 1 Toluene ND 0.047 mg/Kg 1 10/22/2020 11:57:00 AM Ethylbenzene ND 0.047 mg/Kg 1 10/22/2020 11:57:00 AM Xylenes, Total ND 0.094 mg/Kg 1 10/22/2020 11:57:00 AM 10/22/2020 11:57:00 AM Surr: 4-Bromofluorobenzene 101 80-120 %Rec 1 Analyst: CAS **EPA METHOD 300.0: ANIONS** Chloride 60 10/23/2020 1:30:49 AM 110 ma/Ka 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 Н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit POL
- Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 6 of 35

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH01 6' Collection Date: 10/20/2020 9:55:00 AM **Deceived Deter** 10/21/2020 8:00:00 AM

Lab ID: 2010951-007	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst: BRM	
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/22/2020 11:14:11 AM	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/22/2020 11:14:11 AM	
Surr: DNOP	105	30.4-154	%Rec	1	10/22/2020 11:14:11 AM	
EPA METHOD 8015D: GASOLINE RAM	IGE				Analyst: RAA	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/22/2020 12:20:44 PM	
Surr: BFB	96.6	75.3-105	%Rec	1	10/22/2020 12:20:44 PM	
EPA METHOD 8021B: VOLATILES					Analyst: RAA	
Benzene	ND	0.024	mg/Kg	1	10/22/2020 12:20:44 PM	
Toluene	ND	0.048	mg/Kg	1	10/22/2020 12:20:44 PM	
Ethylbenzene	ND	0.048	mg/Kg	1	10/22/2020 12:20:44 PM	
Xylenes, Total	ND	0.097	mg/Kg	1	10/22/2020 12:20:44 PM	
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	10/22/2020 12:20:44 PM	
EPA METHOD 300.0: ANIONS					Analyst: CAS	
Chloride	150	60	mg/Kg	20	10/23/2020 1:43:13 AM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 7 of 35

.

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH01 7' Collection Date: 10/20/2020 10:00:00 AM oived D 4 10/01/0000 0 00 00 00 -

Lab ID: 2010951-008	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst: BRM	
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/22/2020 11:23:56 AM	
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/22/2020 11:23:56 AM	
Surr: DNOP	121	30.4-154	%Rec	1	10/22/2020 11:23:56 AM	
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst: RAA	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/22/2020 12:44:27 PM	
Surr: BFB	95.4	75.3-105	%Rec	1	10/22/2020 12:44:27 PM	
EPA METHOD 8021B: VOLATILES					Analyst: RAA	
Benzene	ND	0.024	mg/Kg	1	10/22/2020 12:44:27 PM	
Toluene	ND	0.048	mg/Kg	1	10/22/2020 12:44:27 PM	
Ethylbenzene	ND	0.048	mg/Kg	1	10/22/2020 12:44:27 PM	
Xylenes, Total	ND	0.095	mg/Kg	1	10/22/2020 12:44:27 PM	
Surr: 4-Bromofluorobenzene	99.3	80-120	%Rec	1	10/22/2020 12:44:27 PM	
EPA METHOD 300.0: ANIONS					Analyst: CAS	
Chloride	110	60	mg/Kg	20	10/23/2020 1:55:38 AM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 8 of 35

2010951-009

Project:

Lab ID:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH01 8 Collection Date: 10/20/2020 10:05:00 AM

Received Date: 10/21/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	Analyst: BRM				
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/22/2020 11:33:41 AM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/22/2020 11:33:41 AM
Surr: DNOP	107	30.4-154	%Rec	1	10/22/2020 11:33:41 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/22/2020 1:08:13 PM
Surr: BFB	96.3	75.3-105	%Rec	1	10/22/2020 1:08:13 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	10/22/2020 1:08:13 PM
Toluene	ND	0.049	mg/Kg	1	10/22/2020 1:08:13 PM
Ethylbenzene	ND	0.049	mg/Kg	1	10/22/2020 1:08:13 PM
Xylenes, Total	ND	0.097	mg/Kg	1	10/22/2020 1:08:13 PM
Surr: 4-Bromofluorobenzene	100	80-120	%Rec	1	10/22/2020 1:08:13 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	70	61	mg/Kg	20	10/23/2020 2:32:52 AM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 9 of 35

2010951-010

Project:

Lab ID:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH03 0' Collection Date: 10/20/2020 11:38:00 AM Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	Analyst: BRM				
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/21/2020 12:43:38 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/21/2020 12:43:38 PM
Surr: DNOP	99.0	30.4-154	%Rec	1	10/21/2020 12:43:38 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3	mg/Kg	1	10/21/2020 6:02:34 PM
Surr: BFB	95.8	75.3-105	%Rec	1	10/21/2020 6:02:34 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.021	mg/Kg	1	10/21/2020 6:02:34 PM
Toluene	ND	0.043	mg/Kg	1	10/21/2020 6:02:34 PM
Ethylbenzene	ND	0.043	mg/Kg	1	10/21/2020 6:02:34 PM
Xylenes, Total	ND	0.086	mg/Kg	1	10/21/2020 6:02:34 PM
Surr: 4-Bromofluorobenzene	99.5	80-120	%Rec	1	10/21/2020 6:02:34 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	510	59	mg/Kg	20	10/21/2020 7:57:29 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 10 of 35

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH03 1' Collection Date: 10/20/2020 11:40:00 AM **Deceived Deter** 10/21/2020 8:00:00 AM

Lab ID: 2010951-011	Matrix: SOIL	Rece	2020 8:00:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	10/22/2020 3:00:10 PM
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	10/22/2020 3:00:10 PM
Surr: DNOP	137	30.4-154	%Rec	1	10/22/2020 3:00:10 PM
EPA METHOD 8015D: GASOLINE RAM	IGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	10/21/2020 6:25:59 PM
Surr: BFB	94.0	75.3-105	%Rec	1	10/21/2020 6:25:59 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.019	mg/Kg	1	10/21/2020 6:25:59 PM
Toluene	ND	0.038	mg/Kg	1	10/21/2020 6:25:59 PM
Ethylbenzene	ND	0.038	mg/Kg	1	10/21/2020 6:25:59 PM
Xylenes, Total	ND	0.075	mg/Kg	1	10/21/2020 6:25:59 PM
Surr: 4-Bromofluorobenzene	99.2	80-120	%Rec	1	10/21/2020 6:25:59 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	400	61	mg/Kg	20	10/23/2020 1:57:26 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 11 of 35

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH03 2' Collection Date: 10/20/2020 11:44:00 AM **Deceived Deter** 10/21/2020 8:00:00 AM

Lab ID: 2010951-012	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: BRM	
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/22/2020 3:09:59 PM	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/22/2020 3:09:59 PM	
Surr: DNOP	101	30.4-154	%Rec	1	10/22/2020 3:09:59 PM	
EPA METHOD 8015D: GASOLINE RAM	IGE				Analyst: NSB	
Gasoline Range Organics (GRO)	ND	4.1	mg/Kg	1	10/21/2020 6:49:25 PM	
Surr: BFB	95.4	75.3-105	%Rec	1	10/21/2020 6:49:25 PM	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.021	mg/Kg	1	10/21/2020 6:49:25 PM	
Toluene	ND	0.041	mg/Kg	1	10/21/2020 6:49:25 PM	
Ethylbenzene	ND	0.041	mg/Kg	1	10/21/2020 6:49:25 PM	
Xylenes, Total	ND	0.083	mg/Kg	1	10/21/2020 6:49:25 PM	
Surr: 4-Bromofluorobenzene	99.6	80-120	%Rec	1	10/21/2020 6:49:25 PM	
EPA METHOD 300.0: ANIONS					Analyst: CAS	
Chloride	320	60	mg/Kg	20	10/23/2020 2:09:51 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
 - Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 12 of 35

2010951-013

Project:

Lab ID:

Analytical Report Lab Order 2010951

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Date Reported: 10/28/2020 Client Sample ID: BH03 3' Collection Date: 10/20/2020 11:46:00 AM

Received Date: 10/21/2020 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	Analyst: BRM				
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/22/2020 11:43:27 AM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/22/2020 11:43:27 AM
Surr: DNOP	120	30.4-154	%Rec	1	10/22/2020 11:43:27 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/22/2020 1:31:56 PM
Surr: BFB	95.5	75.3-105	%Rec	1	10/22/2020 1:31:56 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	10/22/2020 1:31:56 PM
Toluene	ND	0.049	mg/Kg	1	10/22/2020 1:31:56 PM
Ethylbenzene	ND	0.049	mg/Kg	1	10/22/2020 1:31:56 PM
Xylenes, Total	ND	0.098	mg/Kg	1	10/22/2020 1:31:56 PM
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	10/22/2020 1:31:56 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	59	mg/Kg	20	10/23/2020 2:45:17 AM

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 13 of 35

Released to Imaging: 9/14/2021 10:07:14 AM

Lab ID:

Project: SBL Unit 263H 6 28 2020 Spill

2010951-014

Analytical Report Lab Order 2010951

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/28/2020 Client Sample ID: BH03 4' Collection Date: 10/20/2020 11:48:00 AM

Received Date: 10/21/2020 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	Analyst: BRM				
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/22/2020 11:53:12 AM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/22/2020 11:53:12 AM
Surr: DNOP	118	30.4-154	%Rec	1	10/22/2020 11:53:12 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/22/2020 1:55:42 PM
Surr: BFB	95.8	75.3-105	%Rec	1	10/22/2020 1:55:42 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	10/22/2020 1:55:42 PM
Toluene	ND	0.048	mg/Kg	1	10/22/2020 1:55:42 PM
Ethylbenzene	ND	0.048	mg/Kg	1	10/22/2020 1:55:42 PM
Xylenes, Total	ND	0.096	mg/Kg	1	10/22/2020 1:55:42 PM
Surr: 4-Bromofluorobenzene	99.6	80-120	%Rec	1	10/22/2020 1:55:42 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	61	mg/Kg	20	10/23/2020 2:57:41 AM

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 14 of 35

Project:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH03 5' Collection Date: 10/20/2020 11:53:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-015	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst: BRM	
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/22/2020 12:03:01 PM	
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/22/2020 12:03:01 PM	
Surr: DNOP	110	30.4-154	%Rec	1	10/22/2020 12:03:01 PM	
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst: RAA	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/22/2020 2:19:32 PM	
Surr: BFB	94.4	75.3-105	%Rec	1	10/22/2020 2:19:32 PM	
EPA METHOD 8021B: VOLATILES					Analyst: RAA	
Benzene	ND	0.024	mg/Kg	1	10/22/2020 2:19:32 PM	
Toluene	ND	0.049	mg/Kg	1	10/22/2020 2:19:32 PM	
Ethylbenzene	ND	0.049	mg/Kg	1	10/22/2020 2:19:32 PM	
Xylenes, Total	ND	0.097	mg/Kg	1	10/22/2020 2:19:32 PM	
Surr: 4-Bromofluorobenzene	98.3	80-120	%Rec	1	10/22/2020 2:19:32 PM	
EPA METHOD 300.0: ANIONS					Analyst: CAS	
Chloride	ND	59	mg/Kg	20	10/22/2020 10:37:06 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 15 of 35

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH03 6' Collection Date: 10/20/2020 11:55:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-016	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM				
Analyses	Result	RL Qua	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM	
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/22/2020 12:12:49 PM	
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/22/2020 12:12:49 PM	
Surr: DNOP	94.5	30.4-154	%Rec	1	10/22/2020 12:12:49 PM	
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: RAA	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/22/2020 2:43:07 PM	
Surr: BFB	98.2	75.3-105	%Rec	1	10/22/2020 2:43:07 PM	
EPA METHOD 8021B: VOLATILES					Analyst: RAA	
Benzene	ND	0.024	mg/Kg	1	10/22/2020 2:43:07 PM	
Toluene	ND	0.047	mg/Kg	1	10/22/2020 2:43:07 PM	
Ethylbenzene	ND	0.047	mg/Kg	1	10/22/2020 2:43:07 PM	
Xylenes, Total	ND	0.095	mg/Kg	1	10/22/2020 2:43:07 PM	
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	10/22/2020 2:43:07 PM	
EPA METHOD 300.0: ANIONS					Analyst: CAS	
Chloride	ND	60	mg/Kg	20	10/22/2020 10:49:30 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 16 of 35

Project:

Analytical Report Lab Order 2010951

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Date Reported: 10/28/2020 Client Sample ID: BH03 7' Collection Date: 10/20/2020 12:10:00 PM

Lab ID: 2010951-017 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.1 mg/Kg 1 10/22/2020 12:22:36 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/22/2020 12:22:36 PM Surr: DNOP 101 30.4-154 %Rec 1 10/22/2020 12:22:36 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 3:53:46 PM 4.9 mg/Kg 1 Surr: BFB 98.7 75.3-105 %Rec 1 10/22/2020 3:53:46 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 10/22/2020 3:53:46 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 3:53:46 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 3:53:46 PM Xylenes, Total ND 0.099 mg/Kg 1 10/22/2020 3:53:46 PM 10/22/2020 3:53:46 PM Surr: 4-Bromofluorobenzene 103 80-120 %Rec 1 **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride ND 60 10/22/2020 11:01:55 PM ma/Ka 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 Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit POL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 17 of 35

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH04 0' Collection Date: 10/20/2020 10:48:00 AM **Deceived Deter** 10/21/2020 8:00:00 AM

Lab ID: 2010951-018	Matrix: SOIL	Received Date: 10/21/2020 8:00:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: BRM	
Diesel Range Organics (DRO)	12	9.6	mg/Kg	1	10/21/2020 1:07:46 PM	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/21/2020 1:07:46 PM	
Surr: DNOP	101	30.4-154	%Rec	1	10/21/2020 1:07:46 PM	
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: NSB	
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	10/21/2020 7:12:51 PM	
Surr: BFB	94.8	75.3-105	%Rec	1	10/21/2020 7:12:51 PM	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.019	mg/Kg	1	10/21/2020 7:12:51 PM	
Toluene	ND	0.037	mg/Kg	1	10/21/2020 7:12:51 PM	
Ethylbenzene	ND	0.037	mg/Kg	1	10/21/2020 7:12:51 PM	
Xylenes, Total	ND	0.074	mg/Kg	1	10/21/2020 7:12:51 PM	
Surr: 4-Bromofluorobenzene	99.4	80-120	%Rec	1	10/21/2020 7:12:51 PM	
EPA METHOD 300.0: ANIONS					Analyst: JMT	
Chloride	650	60	mg/Kg	20	10/21/2020 8:34:30 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit % Recovery outside of range due to dilution or matrix S

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

Page 18 of 35

Released to Imaging: 9/14/2021 10:07:14 AM

Project:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH04 1' Collection Date: 10/20/2020 10:50:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-019	Matrix: SOIL	Rece	ived Date:	10/21/	2020 8:00:00 AM
Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	10/22/2020 3:19:42 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/22/2020 3:19:42 PM
Surr: DNOP	120	30.4-154	%Rec	1	10/22/2020 3:19:42 PM
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1	mg/Kg	1	10/21/2020 7:36:15 PM
Surr: BFB	98.2	75.3-105	%Rec	1	10/21/2020 7:36:15 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.020	mg/Kg	1	10/21/2020 7:36:15 PM
Toluene	ND	0.041	mg/Kg	1	10/21/2020 7:36:15 PM
Ethylbenzene	ND	0.041	mg/Kg	1	10/21/2020 7:36:15 PM
Xylenes, Total	ND	0.082	mg/Kg	1	10/21/2020 7:36:15 PM
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	10/21/2020 7:36:15 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	93	59	mg/Kg	20	10/23/2020 2:47:04 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 19 of 35

2010951-020

Project:

Lab ID:

Analyses

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH04 2' SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 10:51:00 AM Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** FPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM

EFA WEITOD OUTSWID. DIESEL KANGE OK	JANIC3				Analyst. DRIV
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	10/22/2020 3:29:24 PM
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/22/2020 3:29:24 PM
Surr: DNOP	103	30.4-154	%Rec	1	10/22/2020 3:29:24 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	10/21/2020 7:59:39 PM
Surr: BFB	98.0	75.3-105	%Rec	1	10/21/2020 7:59:39 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.019	mg/Kg	1	10/21/2020 7:59:39 PM
Toluene	ND	0.039	mg/Kg	1	10/21/2020 7:59:39 PM
Ethylbenzene	ND	0.039	mg/Kg	1	10/21/2020 7:59:39 PM
Xylenes, Total	ND	0.078	mg/Kg	1	10/21/2020 7:59:39 PM
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	10/21/2020 7:59:39 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	87	60	mg/Kg	20	10/23/2020 2:59:29 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 20 of 35

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH04 3' Collection Date: 10/20/2020 10:52:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-021	Matrix: SOIL	Rece	ived Date:	10/21/	2020 8:00:00 AM
Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE C	RGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/22/2020 12:32:34 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/22/2020 12:32:34 PM
Surr: DNOP	83.7	30.4-154	%Rec	1	10/22/2020 12:32:34 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/22/2020 4:17:11 PM
Surr: BFB	96.3	75.3-105	%Rec	1	10/22/2020 4:17:11 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	10/22/2020 4:17:11 PM
Toluene	ND	0.047	mg/Kg	1	10/22/2020 4:17:11 PM
Ethylbenzene	ND	0.047	mg/Kg	1	10/22/2020 4:17:11 PM
Xylenes, Total	ND	0.095	mg/Kg	1	10/22/2020 4:17:11 PM
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	10/22/2020 4:17:11 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	60	mg/Kg	20	10/22/2020 11:14:19 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 21 of 35

Released to Imaging: 9/14/2021 10:07:14 AM

2010951-022

Project:

Lab ID:

Analytical Report Lab Order 2010951

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Date Reported: 10/28/2020 Client Sample ID: BH04 4' Collection Date: 10/20/2020 10:56:00 AM

Received Date: 10/21/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/22/2020 12:42:32 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/22/2020 12:42:32 PM
Surr: DNOP	88.7	30.4-154	%Rec	1	10/22/2020 12:42:32 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/22/2020 4:40:37 PM
Surr: BFB	97.7	75.3-105	%Rec	1	10/22/2020 4:40:37 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	10/22/2020 4:40:37 PM
Toluene	ND	0.049	mg/Kg	1	10/22/2020 4:40:37 PM
Ethylbenzene	ND	0.049	mg/Kg	1	10/22/2020 4:40:37 PM
Xylenes, Total	ND	0.098	mg/Kg	1	10/22/2020 4:40:37 PM
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/22/2020 4:40:37 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	60	mg/Kg	20	10/22/2020 11:26:43 PM

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 22 of 35

Project:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH04 5' Collection Date: 10/20/2020 11:07:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-023	Matrix: SOIL	Recei	ved Date:	10/21/	2020 8:00:00 AM
Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	10/22/2020 1:21:56 PM
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/22/2020 1:21:56 PM
Surr: DNOP	107	30.4-154	%Rec	1	10/22/2020 1:21:56 PM
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/22/2020 5:04:02 PM
Surr: BFB	95.8	75.3-105	%Rec	1	10/22/2020 5:04:02 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	10/22/2020 5:04:02 PM
Toluene	ND	0.049	mg/Kg	1	10/22/2020 5:04:02 PM
Ethylbenzene	ND	0.049	mg/Kg	1	10/22/2020 5:04:02 PM
Xylenes, Total	ND	0.098	mg/Kg	1	10/22/2020 5:04:02 PM
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	10/22/2020 5:04:02 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	59	mg/Kg	20	10/23/2020 12:03:57 AM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 23 of 35

Project:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH04 6' Collection Date: 10/20/2020 11:09:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-024	Matrix: SOIL	Rece	eived Date:	10/21/	2020 8:00:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/22/2020 1:31:48 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/22/2020 1:31:48 PM
Surr: DNOP	84.6	30.4-154	%Rec	1	10/22/2020 1:31:48 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/22/2020 5:27:37 PM
Surr: BFB	96.0	75.3-105	%Rec	1	10/22/2020 5:27:37 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	10/22/2020 5:27:37 PM
Toluene	ND	0.049	mg/Kg	1	10/22/2020 5:27:37 PM
Ethylbenzene	ND	0.049	mg/Kg	1	10/22/2020 5:27:37 PM
Xylenes, Total	ND	0.098	mg/Kg	1	10/22/2020 5:27:37 PM
Surr: 4-Bromofluorobenzene	100	80-120	%Rec	1	10/22/2020 5:27:37 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	60	mg/Kg	20	10/23/2020 3:10:05 AM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 24 of 35

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/28/2020 Client Sample ID: BH04 7' Collection Date: 10/20/2020 11:19:00 AM Pageived Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-025	Matrix: SOIL	Rece	Received Date: 10/21/2020 8:00:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst: BRM		
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/22/2020 1:41:41 PM		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/22/2020 1:41:41 PM		
Surr: DNOP	75.2	30.4-154	%Rec	1	10/22/2020 1:41:41 PM		
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst: RAA		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/22/2020 5:51:12 PM		
Surr: BFB	95.3	75.3-105	%Rec	1	10/22/2020 5:51:12 PM		
EPA METHOD 8021B: VOLATILES					Analyst: RAA		
Benzene	ND	0.024	mg/Kg	1	10/22/2020 5:51:12 PM		
Toluene	ND	0.048	mg/Kg	1	10/22/2020 5:51:12 PM		
Ethylbenzene	ND	0.048	mg/Kg	1	10/22/2020 5:51:12 PM		
Xylenes, Total	ND	0.096	mg/Kg	1	10/22/2020 5:51:12 PM		
Surr: 4-Bromofluorobenzene	98.9	80-120	%Rec	1	10/22/2020 5:51:12 PM		
EPA METHOD 300.0: ANIONS					Analyst: CAS		
Chloride	ND	60	mg/Kg	20	10/23/2020 3:22:30 AM		

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 25 of 35

.

Project:

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

Client Sample ID: BH04 8' Collection Date: 10/20/2020 11:20:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-026	Matrix: SOIL	Rece	ived Date:	10/21/	2020 8:00:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/22/2020 1:51:32 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/22/2020 1:51:32 PM
Surr: DNOP	73.2	30.4-154	%Rec	1	10/22/2020 1:51:32 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/22/2020 6:14:37 PM
Surr: BFB	96.1	75.3-105	%Rec	1	10/22/2020 6:14:37 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	10/22/2020 6:14:37 PM
Toluene	ND	0.050	mg/Kg	1	10/22/2020 6:14:37 PM
Ethylbenzene	ND	0.050	mg/Kg	1	10/22/2020 6:14:37 PM
Xylenes, Total	ND	0.10	mg/Kg	1	10/22/2020 6:14:37 PM
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	10/22/2020 6:14:37 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	60	mg/Kg	20	10/23/2020 3:34:54 AM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit % Recovery outside of range due to dilution or matrix S

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

Page 26 of 35

OC SUMMARY REPORT Ha

U SUMMARI REPORT	WO#:	2010951	
all Environmental Analysis Laboratory, Inc.		28-Oct-20	

	OM INC nit 263H 6 28 2020 Spill			
Sample ID: MB-55958	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 55958	RunNo: 72838		
Prep Date: 10/21/2020	Analysis Date: 10/21/2020	SeqNo: 2560239	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID: LCS-55958	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 55958	RunNo: 72838		
Prep Date: 10/21/2020	Analysis Date: 10/21/2020	SeqNo: 2560241	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	14 1.5 15.00	0 92.4 90	110	
Sample ID: MB-55989	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 55989	RunNo: 72875		
Prep Date: 10/22/2020	Analysis Date: 10/22/2020	SeqNo: 2561649	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID: LCS-55989	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 55989	RunNo: 72875		
Prep Date: 10/22/2020	Analysis Date: 10/22/2020	SeqNo: 2561650	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	14 1.5 15.00	0 92.5 90	110	
Sample ID: 2010951-004AN	ISD SampType: msd	TestCode: EPA Method	300.0: Anions	
Client ID: BH01 3'	Batch ID: 55989	RunNo: 72875		
Prep Date: 10/22/2020	Analysis Date: 10/23/2020	SeqNo: 2561661	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	96 60 30.00	73.86 73.3 36.7	168 1.47	20
Sample ID: MB-55975	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 55975	RunNo: 72886		
Prep Date: 10/22/2020	Analysis Date: 10/23/2020	SeqNo: 2563320	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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 27 of 35

	WO#:	2010951
Hall Environmental Analysis Laboratory, Inc.		28-Oct-20

Client: Project:	WESCO SBL Uni	M INC t 263H 6 28	3 2020	Spill							
Sample ID: LCS-55975 SampType: Ics TestCode: EPA Method 300.0: Anions											
Client ID: L	CSS	Batch	ID: 55	975	F	RunNo: 7	2886				
Prep Date:	10/22/2020	Analysis D	ate: 10)/23/2020	5	SeqNo: 2	563321	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.4	90	110			
Sample ID: 2	010951-002AMS	D SampT	ype: ms	sd	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: B	3H01 1'	Batch	ID: 55	975	F	RunNo: 7	2886				
Prep Date:	10/22/2020	Analysis D	ate: 10)/23/2020	5	SeqNo: 2	563336	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		120	60	30.00	97.07	81.2	36.7	168	2.91	20	

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 28 of 35

QC SUMMARY REPORT H

Page	133	of	262

	WO#:	2010951
Hall Environmental Analysis Laboratory, Inc.		28-Oct-20

	OM INC nit 263H 6 28 2020 Sj	pill							
Sample ID: 2010951-001AM	IS SampType: MS		Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BH01 0'	Batch ID: 5594	0	R	RunNo: 72	2804				
Prep Date: 10/21/2020	Analysis Date: 10/2	21/2020	S	SeqNo: 25	559390	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57 9.7	48.36	11.84	94.3	15	184			
Surr: DNOP	4.7	4.836		97.3	30.4	154			
Sample ID: 2010951-001AM	ISD SampType: MSD)	Test	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BH01 0'	Batch ID: 5594	0	R	RunNo: 72	2804				
Prep Date: 10/21/2020	Analysis Date: 10/2	21/2020	S	SeqNo: 25	559391	Units: mg/K	g		
Analyte	Result PQL S	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56 9.9	49.50	11.84	89.3	15	184	2.52	23.9	
Surr: DNOP	4.7	4.950		95.7	30.4	154	0	0	
Sample ID: LCS-55940	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 5594	0	R	RunNo: 72	2804				
Prep Date: 10/21/2020	Analysis Date: 10/2	21/2020	S	SeqNo: 25	559394	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49 10	50.00	0	98.9	70	130			
Surr: DNOP	4.7	5.000		94.6	30.4	154			
Sample ID: MB-55940	SampType: MBL	.К	Tes	tCode: EF	A Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 5594	0	R	RunNo: 72	2804				
Prep Date: 10/21/2020	Analysis Date: 10/2	21/2020	S	SeqNo: 25	559395	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	10	10.00		102	30.4	154			
Sample ID: LCS-55951	SampType: LCS		Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch ID: 5595	51	R	RunNo: 72	2857				
Prep Date: 10/21/2020	Analysis Date: 10/2	22/2020	S	SeqNo: 25	560727	Units: mg/K	g		
Analyte	Result PQL S	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51 10	50.00	0	103	70	130			
Surr: DNOP	5.6	5.000		112	30.4	154			

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 29 of 35

WESCOM INC

Client:

Project:

Sample ID: LCS-55957

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

SampType: LCS

Sample ID. LC3-33937		.5	165		FAMethou		eser Kange	eorganics	
Client ID: LCSS	Batch ID: 55	957	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	S	SeqNo: 2	560728	Units: mg/K	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58 10	50.00	0	117	70	130			
Surr: DNOP	6.7	5.000		134	30.4	154			
Sample ID: LCS-55959	SampType: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch ID: 55	959	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	5	SeqNo: 2	560729	Units: mg/K	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48 10	50.00	0	95.0	70	130			
Surr: DNOP	5.2	5.000		103	30.4	154			
Sample ID: MB-55951	SampType: M	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 55	951	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	5	SeqNo: 2	560730	Units: mg/K	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	9.7	10.00		96.8	30.4	154			
Sample ID: MB-55957	SampType: M I	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 55	957	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	5	SeqNo: 2	560731	Units: mg/K	ſg		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	13	10.00		131	30.4	154			
Sample ID: MB-55959	SampType: M I	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 55	959	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	5	SeqNo: 2	560732	Units: mg/K	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	11	10.00		110	30.4	154			

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 ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 30 of 35

WO#: 2010951 28-Oct-20

TestCode: EPA Method 8015M/D: Diesel Range Organics

WESCOM INC

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Sample Diluted Due to Matrix

Practical Quanitative Limit

Not Detected at the Reporting Limit

Qualifiers:

* D

Н

ND

PQL

S

Project: SBL Unit	263H 6 2	8 2020	Spill							
Sample ID: 2010951-002AMS	SampT	ype: MS	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: BH01 1'	Batch	n ID: 55	951	F	RunNo: 72	2857				
Prep Date: 10/21/2020	Analysis D	ate: 10	0/22/2020	S	SeqNo: 2	561030	Units: mg/#	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	8.9	44.56	6.529	96.8	15	184			
Surr: DNOP	5.3		4.456		119	30.4	154			
Sample ID: 2010951-002AMSI) SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: BH01 1'	Batch	n ID: 55	951	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis D	ate: 10	0/22/2020	5	SeqNo: 2	561031	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	9.7	48.64	6.529	112	15	184	20.7	23.9	
Surr: DNOP			4.864		135	30.4	154	0	0	

E Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits P Sample pH Not In Range
- RL Reporting Limit

в

Page 31 of 35

WO#: 2010951 28-Oct-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Gasoline Range Organics (GRO) ND 5.0 Surr. BFB 990 1000 99.3 75.3 105 Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559457 Units: mg/Kg Analyte Result PQL SPK value SPK value SPS 40 90.8 72.5 106 Surr. BFB 1100 1000 110 75.3 105 Sample ID: 2010951-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559459 Units: mg/Kg Analyte Result PQL SPK value SPK value SPK value SPL contunit HighLimit %RPD RPI Gasoline Range Organics (GRO) 16 3.6 18.00 0 89.2 61.3 114 Surr. BFB 770	DLimit Qual
Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559456 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) ND 5.0 Sur: BFB 990 1000 99.3 75.3 105 Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: G72826 RunNo: 72826 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 Sur: BFB 1100 1000 110 75.3 105 Secoline Range Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 Sur: B	DLimit Qual
Analyte Result PQL SPK value SPK Ref Val % REC LowLimit HighLimit % RPD RPI Gasoline Range Organics (GRO) ND 5.0 990 1000 99.3 75.3 105 Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: G72826 RunNo: 72826 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 Sur: BFB 1100 1000 110 75.3 105 700 700 100 <t< td=""><td>DLimit Qual</td></t<>	DLimit Qual
Gasoline Range Organics (GRO) ND 5.0 990 1000 99.3 75.3 105 Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559457 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 Sur: BFB 1100 1000 110 75.3 105 Sample ID: 2010951-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Inits: mg/Kg Analyte Result PQL SPK Value SPK Kef Val %REC <td>DLimit Qual</td>	DLimit Qual
Surr. BFB 990 1000 99.3 75.3 105 Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559457 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 Surr: BFB 1100 1000 110 75.3 105 5 Sample ID: 2019951-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 1114 5 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559450 Units: mg/Kg Gasoline Ran	
Client ID: LCSS Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559457 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 Sum: BFB 1100 1000 1000 100 100 90.8 72.5 106 Sample ID: 2010951-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 16 3.6 18.00 0 89.2 61.3 1114 3.05 105 Surr: BFB 770 719.9 107 75.3 105 105	
Prep Date: Analysis Date: 10/21/2020 SeqNo:: 2559457 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 100	
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.8 72.5 106 305	
Gasoline Range Organics (GR0) 23 5.0 25.00 0 90.8 72.5 106 Surr: BFB 1100 1000 110 75.3 105 Sample ID: 2010951-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559459 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GR0) 16 3.6 18.00 0 89.2 61.3 114 Surr: BFB 770 719.9 107 75.3 105 Sample ID: 2010951-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Vinits: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI <td></td>	
Surr: BFB 1100 1000 110 75.3 105 Sample ID: 2010951-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559459 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 16 3.6 18.00 0 89.2 61.3 114 Surr: BFB 770 719.9 107 75.3 105 77 Sample ID: 2010951-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD PRI Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0	DLimit Qual
Sample ID: 2010951-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559459 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 16 3.6 18.00 0 89.2 61.3 114 Sur: SBH01 0' 770 719.9 107 75.3 105 SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Ga	
Client ID:BH01 0'Batch ID:G72826RunNo:72826Prep Date:Analysis Date:10/21/2020SeqNo:2559459Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPIGasoline Range Organics (GRO)163.618.00089.261.3114114Surr: BFB770719.910775.3105105Sample ID:2010951-001amsdSampType:MSDTestCode:EPA Method 8015D:Gasoline RangeClient ID:BH01 0'Batch ID:G72826RunNo:72826Prep Date:Analysis Date:10/21/2020SeqNo:2559460Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPIGasoline Range Organics (GRO)173.618.00092.561.31143.57Surr: BFB800719.911275.310500Sample ID:2010951-004amsSampType:MSTestCode:EPA Method 8015D:Gasoline RangeClient ID:BH01 3'Batch ID:55952RunNo:72878Prep Date:10/21/2020Analysis Date:10/22/2020SeqNo:2561752Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPIClient ID: <td< td=""><td>S</td></td<>	S
Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559459 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 16 3.6 18.00 0 89.2 61.3 114 115 116 115 116 115 116 <t< td=""><td></td></t<>	
Analyte Result PQL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPI Gasoline Range Organics (GRO) 16 3.6 18.00 0 89.2 61.3 114 Surr: BFB 770 719.9 107 75.3 105 70 Sample ID: 2010951-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559460 Units:< mg/Kg	
Gasoline Range Organics (GRO) 16 3.6 18.00 0 89.2 61.3 114 Surr: BFB 770 719.9 107 75.3 105 Sample ID: 2010951-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559460 Units: mg/Kg Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte	
Surr: BFB 770 719.9 107 75.3 105 Sample ID: 2010951-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559460 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPD Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range 0 0 92.5 61.3 114 3.57 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range 0	DLimit Qual
Sample ID: 2010951-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559460 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK R	
Client ID: BH01 0' Batch ID: G72826 RunNo: 72826 Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559460 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Vinits: mg/Kg Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	S
Prep Date: Analysis Date: 10/21/2020 SeqNo: 2559460 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method SoltsD: Gasoline Range Range Client ID: BH01 3' Batch ID: 5552 RunNo: 72878 Units: mg/Kg Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	
Gasoline Range Organics (GRO) 17 3.6 18.00 0 92.5 61.3 114 3.57 Surr: BFB 800 719.9 112 75.3 105 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	
Surr: BFB 800 719.9 112 75.3 105 0 Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	DLimit Qual
Sample ID: 2010951-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Volume Volu	20
Client ID: BH01 3' Batch ID: 55952 RunNo: 72878 Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	0 S
Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561752 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	
· · · · · · · · · · · · · · · · · · ·	
Casoline Pange Organice (CBO) 27 4.0 24.51 0 112 61.3 114	DLimit Qual
Surr: BFB 1100 980.4 111 75.3 105	
Sample ID: 2010951-004amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range	S
Client ID: BH01 3' Batch ID: 55952 RunNo: 72878	
Prep Date: 10/21/2020 Analysis Date: 10/22/2020 SeqNo: 2561753 Units: mg/Kg	
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPI	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

Page 32 of 35

WESCOM INC

Client:

Project:

Sample ID: 2010951-004amsd

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

SampType: MSD

Client ID: BH01 3'	Batch ID: 55952	RunNo: 72878	
Prep Date: 10/21/2020	Analysis Date: 10/22/2020	SeqNo: 2561753	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	28 4.9 24.68	0 115 61.3	114 3.61 20 S
Surr: BFB	1100 987.2	109 75.3	105 0 0 S
Sample ID: Ics-55952	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range
Client ID: LCSS	Batch ID: 55952	RunNo: 72878	
Prep Date: 10/21/2020	Analysis Date: 10/22/2020	SeqNo: 2561796	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	22 5.0 25.00	0 89.3 72.5	106
Surr: BFB	1100 1000	109 75.3	105 S
Sample ID: mb-55952	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range
Client ID: PBS	Batch ID: 55952	RunNo: 72878	
Prep Date: 10/21/2020	Analysis Date: 10/22/2020	SeqNo: 2561798	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	960 1000	96.3 75.3	105

TestCode: EPA Method 8015D: Gasoline Range

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

Released to Imaging: 9/14/2021 10:07:14 AM

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

Page 33 of 35

WO#: 2010951 28-Oct-20

QC SUMMARY REPORT Hall

Hall Envir	WO#:	2010951 28-Oct-20	
Client:	WESCOM INC		

net ID: PBS Batch ID: B72826 RunNo: 72826 Junis: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual alyte ND 0.025 KEC LowLinit HighLinit %RPD RPDLinit Qual zerie ND 0.025 Qual and ND 0.050 </th <th></th> <th>BL Unit 263H 6</th> <th>28 2020</th> <th>Spill</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		BL Unit 263H 6	28 2020	Spill											
pap bate:Analysis Date:10/21/2020Seq N:255947Units:mg/KgRPDLinitQualahyteResultND0.025KRE ValKRE Val </td <td>Sample ID: mb1</td> <td>Samp</td> <td>oType: ME</td> <td>BLK</td> <td>Tes</td> <td>tCode: El</td> <td>PA Method</td> <td>8021B: Vola</td> <td>tiles</td> <td></td> <td></td>	Sample ID: mb1	Samp	oType: ME	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles						
ayte Result POL SPK value SPK Ref Val % REC LowLinit HighLinit % RPD RPDLimit Qual zerie ND 0.050	Client ID: PBS	Bat	ch ID: B7	2826	F	RunNo: 7	2826								
ND 0.025 ene ND 0.050 mes ND 0.050 mes, Total ND 0.050 urr. 4.Bromofluorobenzene 1.0 1.000 103 80 120 mple ID: 100ng btex lcs SampType: LCS TestCode: EPA Method 8021B: Volatiles ent ID: LCSS Batch ID: B72826 RunNo: 72826 ap Date: Analysis Date: 10/21/2020 SeqNo: 2559474 Units:: mg/Kg alyte Result POL <spk td="" value<=""> SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual ene 0.92 0.050 1.000 0 88.7 80 120 mes, Total 2.8 0.10 3.000 0 94.0 80 120 mple ID: 2010951-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles ent ID: Brownic 72826 apte Result POL SPK value SPK Ref Val %REC LowLimit %RPD RPDLimit Qual</spk>	Prep Date:	Analysis	Date: 10	0/21/2020	S	SeqNo: 2	559473	Units: mg/k	٢g						
ene ND 0.050 titenzane ND 0.050 urr. 4-Bromofluorobenzene 1.0 1.00 103 80 120 urr. 4-Bromofluorobenzene 1.0 1.00 7285 5259474 Vinits: mg/Kg apt E Analysis Date: 1021/2020 SeqNo: 2559474 Units: mg/Kg abyte Result POL SPK Ref Vallu SPK Ref Vallu SeqNo: 2559474 Units: mg/Kg abyte Result POL SPK Ref Vallu SPK Ref Vallu SeqNo: 2559474 Units: mg/Kg abyte Result POL SPK Ref Vallu SPK Ref Vallu SeqNo: 2559474 Units: mg/Kg utenzane 0.89 0.020 1.000 0 93.8 80 120 120 utenzane 0.94 0.050 1.000 0 94.80 101 80 120 120 utenzane 0.94 0.050 1.000 94.0 80.120 120 120 120 120 120 120 120 120 <t< td=""><td>Analyte</td><td>Result</td><td>PQL</td><td>SPK value</td><td>SPK Ref Val</td><td>%REC</td><td>LowLimit</td><td>HighLimit</td><td>%RPD</td><td>RPDLimit</td><td>Qual</td></t<>	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
thenzame ND 0.050 mes, Tatal ND 0.10 100 103 80 120 mple ID: 100 bots ics SampType: LCS TestCode: EPA Method Both: Voitis: mg/kg ent ID: LCSS Batch ID: 10/21/2020 SeqNo: 2559474 Units: mg/kg adyte Roal 0.025 1.000 0 88.7 80 120 POL Qual adyte Roal 90.025 1.000 0 98.7 80 120 RPDLinit Qual thenzame 0.92 0.050 1.000 0 93.8 80 120 POL PDL Qual thenzame 0.94 0.050 1.000 0 93.8 800 120 POL PDL	Benzene	ND	0.025												
nes, Total ND 0.10 100 103 80 120 urr. 4.Bromofiluorobenzene 1.0 1.00 103 80 120 mple ID: 100g btx ics SampType: LCS Batch ID: B72826 RunNo: 72826 ent ID: LCSS Batch ID: B72826 RunNo: 72826 Units: mg/kg alyte Result PQL SPK value SPK ref Val %REC LowLintit HighLintit %RPD RPDLinit Qual ene 0.92 0.050 1.000 0 88.80 120 Intit Intit MRPD RPDLinit Qual idenzene 0.94 0.050 1.000 0 93.8 80 120 Intit	Toluene	ND	0.050												
urr: 4-Bromofluorobenzene 1.0 100 103 80 120 mple ID: 100ng btex los Sam_Tye: LCS Bath ID: B72826 RunNo: 72826 ap Date: Analysis Date: 10/21/2020 SeqNo: 255947 Units: mg/s alyte Result PQL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual alyte Result PQL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual ene 0.92 0.050 1.000 0 98.8 0 120 Sult Sult	Ethylbenzene	ND													
mple ID:: 100ng btex lcs SampType: LCS Batch ID: B72826 TestCode: EPA Method 8021B: Volatiles ent ID: LCSS Batch ID: B72826 RunNo: 72826 units: mg/Kg apte Analysis Date: 10/21/2020 SeqNo: 2559474 Units: mg/Kg alyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual ene 0.92 0.050 1.000 0 93.8 80 120 immer	Kylenes, Total	ND	0.10												
ent ID: LCS Batch ID: B72826 RunNo: 72826 ap Date: Analysis Date: 10/21/2020 SeqNo: 2559474 Units: mg/Ks alyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual alyte 0.89 0.025 1.000 0 91.6 80 120 1000 <t< td=""><td>Surr: 4-Bromofluorobenze</td><td>ene 1.0</td><td></td><td>1.000</td><td></td><td>103</td><td>80</td><td>120</td><td></td><td></td><td></td></t<>	Surr: 4-Bromofluorobenze	ene 1.0		1.000		103	80	120							
pep Date: Analysis Date: 10/21/2020 Seq No: 2559474 Units: mg/Kg abyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.92 0.050 1.000 0 91.6 80 120 idenzene 0.92 0.050 1.000 0 93.8 80 120 100 100 101 80 120 100 100 101 80 120 100 100 101 80 120 100 100 101 80 120 100 100 100 101 80 120 100 100 101 80 120 100	Sample ID: 100ng bte	ex Ics Samp	oType: LC	S	TestCode: EPA Method 8021B: Volatiles										
Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.88 0.025 1.000 0 88.7 80 120 ene 0.92 0.050 1.000 0 93.8 80 120 ibbenzene 0.94 0.050 1.000 0 94.0 80 120 mes, Total 2.8 0.10 3.000 0 94.0 80 120	Client ID: LCSS	Bat	ch ID: B7	2826	F	RunNo: 7	2826								
Zerie 0.89 0.025 1.000 0 88.7 80 120 eene 0.92 0.050 1.000 0 91.6 80 120 ibenzene 0.94 0.050 1.000 0 93.8 80 120 ibenzene 0.94 0.050 1.000 0 93.8 80 120 imes, Total 2.8 0.10 3.000 0 94.0 80 120 imple ID: 2010951-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles Volatiles ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 ep Date: Analysis Date: 10/21/2020 SeqNo: 2559477 Units: mg/kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 93.9 78.1 124 124 124 124	Prep Date:	Analysis	Date: 10	0/21/2020	5	SeqNo: 2	559474	Units: mg/k	٢g						
ene 0.92 0.05 1.00 0 91.6 80 120 Ibenzene 0.94 0.05 1.000 0 93.8 80 120 ines, Total 2.8 0.10 3.000 0 94.0 80 120 inum: 4-Bromofluorobenzene 1.0 1.000 011 80 120 imple ID: 2010951-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles Volatiles ent ID: B401 1' Batch ID: B72826 RunNo: 72826 Volatiles Volatiles alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 93.9 78.5 120 Volatiles	Analyte	Result			SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Number liberane 0.94 0.050 1.000 0 93.8 80 120 nes, Total 2.8 0.10 3.000 0 94.0 80 120 urr: 4-Bromofluorobenzene 1.0 1.000 101 80 120 mple ID: 2010951-002ams SampType: IN TestCode: $EV = Method 8021B: Volatiles Vo$	Benzene	0.89	0.025	1.000	0	88.7	80	120							
nes, Total 2.8 0.10 3.000 0 94.0 80 120 urr: 4-Bromofiluorobenzene 1.0 1.000 101 80 120 mple ID: 2010951-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 ap Date: Analysis Date: 10/21/2020 SeqNo: 2559477 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual ene 0.75 0.040 0.7994 0 90.0 76.3 120 </td <td>Foluene</td> <td>0.92</td> <td>0.050</td> <td>1.000</td> <td>0</td> <td>91.6</td> <td>80</td> <td>120</td> <td></td> <td></td> <td></td>	Foluene	0.92	0.050	1.000	0	91.6	80	120							
1.00 1.000 101 80 120 mple ID: 2010951-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 eap Date: Analysis Date: 10/21/2020 SeqNo: 2559477 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual alyte Result PQL O.7994 0 93.9 78.5 120 Volts: Volts:<	Ethylbenzene	0.94	0.050	1.000	0	93.8	80	120							
mmple ID: 2010951-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 app Date: Analysis Date: 10/21/2020 SeqNo: 2559477 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 93.9 78.5 120 120 120 idherzene 0.76 0.40 0.7994 0 94.9 78.1 124	(ylenes, Total	2.8	0.10	3.000	0	94.0	80	120							
ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 ep Date: Analysis Date: 10/21/2020 SeqNo: 2559477 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 90.0 76.3 120 1000000000000000000000000000000000000	Surr: 4-Bromofluorobenze	ene 1.0		1.000		101	80	120							
ep Date: Analysis Date: 10/21/2020 SeqNo: 2559477 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 90.0 76.3 120 Qual ilene 0.75 0.040 0.7994 0 93.9 78.5 120 Qual 94.9 78.1 124	Sample ID: 2010951-	002ams Samp	Type: MS	6	Tes	tCode: El	PA Method	8021B: Vola	tiles						
Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 90.0 76.3 120 lene 0.75 0.040 0.7994 0 93.9 78.5 120 lbenzene 0.76 0.040 0.7994 0 94.9 78.1 124 ines, Total 2.3 0.080 2.398 0 94.7 79.3 125 urr: 4-Bromofluorobenzene 0.83 0.7994 104 80 120	Client ID: BH01 1'	Bat	ch ID: B7	2826	F	RunNo: 7									
zene 0.72 0.020 0.7994 0 90.0 76.3 120 iene 0.75 0.040 0.7994 0 93.9 78.5 120 i/benzene 0.76 0.040 0.7994 0 94.9 78.1 124 i/benzene 0.76 0.040 0.7994 0 94.9 78.1 124 i/benzene 0.83 0.398 0 94.7 79.3 125 urr: 4-Bromofluorobenzene 0.83 0.7994 104 80 120 mple ID: 2010951-002amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 ep Date: Analysis Date: 10/21/2020 SeqNo: 2559478 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 92.9 78.5 120 1.08 20 ilenene 0.74 0.040 0.7994<	Prep Date:	Analysis	Date: 10	0/21/2020	S	SeqNo: 2	559477	Units: mg/ł	٢g						
ene 0.75 0.040 0.7994 0 93.9 78.5 120 /lbenzene 0.76 0.040 0.7994 0 94.9 78.1 124 nes, Total 2.3 0.080 2.398 0 94.7 79.3 125 urr: 4-Bromofluorobenzene 0.33 7994 104 80 120 mple ID: 2010951-002amsd SampType: MSJ TestCode: EPA Method 8021B: Volatiles Volational 100 ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 ep Date: Analysis Date: 10/21/2020 SeqNo: 2559478 Units: mg/Kg alyte Result PQL SPK value SPK ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual rene 0.74 0.040 0.7994 0 89.9 76.3 120 0.0111 20 rene 0.74 0.040 0.7994 0 89.9 76.3 120 1.08 20 rene 0.74 0.040 0.7994 0 92	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Idenzene 0.76 0.040 0.7994 0 94.9 78.1 124 ines, Total 2.3 0.080 2.398 0 94.7 79.3 125 urr: 4-Bromofluorobenzene 0.83 0.7994 104 80 120 imple ID:2010951-002amsdSampType: MSDTestCode: EPA Method 8021B: Volatilesent ID:BH01 1'Batch ID: B72826RunNo: 72826 ep Date:Analysis Date: $10/21/2020$ SeqNo: 2559478 Units: mg/KgalyteResultPQLSPK valueSPK Ref Val $\% REC$ LowLimitHighLimit $\% RPD$ RPDLimitQualalyte0.72 0.020 0.7994 0 89.9 76.3 120 0.0111 20 ene 0.74 0.040 0.7994 0 89.9 76.3 120 0.0111 20 idenzene 0.74 0.040 0.7994 0 92.9 78.5 120 1.08 20 idenzene 0.74 0.040 0.7994 0 92.9 78.5 120 1.08 20 idenzene 0.75 0.040 0.7994 0 93.8 78.1 124 1.23 20 idenzene 0.75 0.040 2.398 0 94.0 79.3 125 0.844 20	Benzene	0.72	0.020	0.7994	0	90.0	76.3	120							
Ines, Total 2.3 0.080 2.398 0 94.7 79.3 125 urr: 4-Bromofluorobenzene 0.83 0.7994 104 80 120 mple ID: 2010951-002amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 ep Date: Analysis Date: 10/21/2020 SeqNo: 2559478 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual alenee 0.72 0.020 0.7994 0 89.9 76.3 120 0.0111 20 ibenzene 0.74 0.040 0.7994 0 92.9 78.5 120 1.08 20 ibenzene 0.75 0.040 0.7994 0 93.8 78.1 124 1.23 20 ines, Total 2.3 0.080 2.398 0 94.0 79.3 125 0.844 20	Toluene	0.75	0.040	0.7994	0	93.9	78.5	120							
urr. 4-Bromofluorobenzene 0.83 0.7994 104 80 120 mple ID: 2010951-002amsd SampTye: MSJ TestCode: EPA Method 8021B: $Volation 1000000000000000000000000000000000000$	Ethylbenzene	0.76	0.040	0.7994	0	94.9	78.1	124							
Imple ID: 2010951-002amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles ent ID: BH01 1' Batch ID: B72826 RunNo: 72826 ep Date: Analysis Date: 10/21/2020 SeqNo: 2559478 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 89.9 76.3 120 0.0111 20 idenzene 0.74 0.040 0.7994 0 92.9 78.5 120 1.08 20 idenzene 0.75 0.040 0.7994 0 93.8 78.1 124 1.23 20 ines, Total 2.3 0.080 2.398 0 94.0 79.3 125 0.844 20	(ylenes, Total	2.3	0.080	2.398	0	94.7	79.3	125							
Batch ID: B72826 RunNo: 72826 ep Date: Analysis Date: 10/21/2020 SeqNo: 2559478 Units: mg/Kg alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 89.9 76.3 120 0.0111 20 iene 0.74 0.040 0.7994 0 92.9 78.5 120 1.08 20 ibenzene 0.75 0.040 0.7994 0 93.8 78.1 124 1.23 20 ines, Total 2.3 0.080 2.398 0 94.0 79.3 125 0.844 20	Surr: 4-Bromofluorobenze	ene 0.83		0.7994		104	80	120							
PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual alyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 89.9 76.3 120 0.0111 20 iene 0.74 0.040 0.7994 0 92.9 78.5 120 1.08 20 ibenzene 0.75 0.040 0.7994 0 93.8 78.1 124 1.23 20 ines, Total 2.3 0.080 2.398 0 94.0 79.3 125 0.844 20	Sample ID: 2010951-	002amsd Samp	Type: MS	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles						
Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual zene 0.72 0.020 0.7994 0 89.9 76.3 120 0.0111 20 iene 0.74 0.040 0.7994 0 92.9 78.5 120 1.08 20 ibenzene 0.75 0.040 0.7994 0 93.8 78.1 124 1.23 20 ines, Total 2.3 0.080 2.398 0 94.0 79.3 125 0.844 20	Client ID: BH01 1'	Bat	ch ID: B7	2826	F	RunNo: 7	2826								
zene0.720.0200.7994089.976.31200.011120uene0.740.0400.7994092.978.51201.0820ilbenzene0.750.0400.7994093.878.11241.2320unes, Total2.30.0802.398094.079.31250.84420	Prep Date:	Analysis	Date: 10	0/21/2020	S	SeqNo: 2	559478	Units: mg/ł	٢g						
nene0.740.0400.7994092.978.51201.0820Ibenzene0.750.0400.7994093.878.11241.2320Innes, Total2.30.0802.398094.079.31250.84420	Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Ibenzene 0.75 0.040 0.7994 0 93.8 78.1 124 1.23 20 Innes, Total 2.3 0.080 2.398 0 94.0 79.3 125 0.844 20	Benzene	0.72	0.020	0.7994	0	89.9	76.3	120	0.0111	20					
ines, Total 2.3 0.080 2.398 0 94.0 79.3 125 0.844 20	Toluene	0.74	0.040	0.7994	0	92.9	78.5	120	1.08	20					
	Ethylbenzene	0.75	0.040	0.7994	0	93.8	78.1	124	1.23	20					
urr: 4-Bromofluorobenzene 0.86 0.7994 108 80 120 0 0	Kylenes, Total	2.3	0.080	2.398	0	94.0	79.3	125	0.844	20					
	Surr: 4-Bromofluorobenze	ene 0.86		0.7994		108	80	120	0	0					

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 ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

.

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2010951

28-Oct-20

Client:	WESCON	/I INC													
Project:	SBL Unit 263H 6 28 2020 Spill														
Sample ID: 2	010951-005ams	Samp	ype: M S	3	Tes	tCode: FI	PA Method	8021B: Volat	iles						
	3H01 4'	•						00210. 00100							
			n ID: 55			RunNo: 7 2									
Prep Date:	10/21/2020	Analysis E	Date: 10)/22/2020	S	SeqNo: 2	561891	Units: mg/K	g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		0.97	0.025	0.9823	0	98.6	76.3	120							
Toluene		1.0	0.049	0.9823	0.01328	105	78.5	120							
Ethylbenzene		1.1	0.049	0.9823	0	109	78.1	124							
Xylenes, Total		3.2	0.098	2.947	0	109	79.3	125							
Surr: 4-Bromof	fluorobenzene	1.0		0.9823		101	80	120							
Sample ID: 2010951-005amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles															
Client ID: E	3H01 4'		n ID: 55		F	RunNo: 7	2878								
Prep Date:	10/21/2020	Analysis E	Date: 10)/22/2020	S	SeqNo: 2	561892	Units: mg/K							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		1.0	0.024	0.9728	0	102	76.3	120	2.88	20					
Toluene		1.1	0.049	0.9728	0.01328	109	78.5	120	2.60	20					
Ethylbenzene		1.1	0.049	0.9728	0	115	78.1	124	3.99	20					
Xylenes, Total	3.3	0.097	2.918	0	114	79.3	125	3.04	20						
Surr: 4-Bromof	fluorobenzene	1.0		0.9728		103	80	120	0	0					
Sample ID: L	.CS-55952	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles						
Client ID: L	.css	Batc	h ID: 55	952	2 RunNo: 72878										
Prep Date:	10/21/2020	Analysis D	Date: 10)/22/2020	S	SeqNo: 2	561934	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	91.1	80	120							
Toluene		0.95	0.050	1.000	0	94.7	80	120							
Ethylbenzene		0.96	0.050	1.000	0	95.8	80	120							
Xylenes, Total		2.9	0.10	3.000	0	95.5	80	120							
Surr: 4-Bromof	fluorobenzene	1.0		1.000		104	80	120							
Sample ID: n	nb-55952	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles						
Client ID: P	PBS	Batc	h ID: 55	952	F	RunNo: 7	2878								
Prep Date:	10/21/2020	Analysis E	Date: 10)/22/2020	S	SeqNo: 2	561936	Units: mg/K	Units: mg/Kg						
		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Analyte									-						
		ND	0.025												
Benzene			0.025 0.050												
Benzene Toluene		ND													
Analyte Benzene Toluene Ethylbenzene Xylenes, Total		ND ND	0.050												

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

.

Page 14	00	T 2	6 2

eived	ANAL	RONMENT		T	all Environm EL: 505-345- Vebsite: clien	49 Albuquer 3975 FAX	01 Hav que, Ni : 505-3	vkins NE M 87109 45-4107	Page Sample Log-In Check List								
C	Client Name:	Wescom I	nc	Worl	k Order Nun	1ber: 201	0951		RcptNo: 1								
R	eceived By:	Cheyenn	e Cason	10/21/2	2020 8:00:0	0 AM											
С	ompleted By:	Desiree [Dominguez	10/21/2	2020 8:22:1	5 AM	4	-1-	$ \rightarrow $								
R	eviewed By:	Cu	-	10/20 identic	- 10/zi												
<u>C</u>	hain of Cus	stody															
1.	Is Chain of C	ustody comp	olete?			Yes	\checkmark	Ν	10 🗌	Not Present							
2.	How was the	sample deli	vered?			Cou	rier										
	og In																
3.	Was an atten	npt made to	cool the samp	oles?		Yes	\checkmark	N	lo 🗌								
4.	Were all sam	ples received	d at a tempera	ature of >0° C	to 6.0°C	Yes	\checkmark	N	lo 🗌	NA 🗌							
5.	Sample(s) in	proper conta	iiner(s)?			Yes	✓	N	o 🗌								
6.	Sufficient sam	nple volume t	for indicated t	est(s)?		Yes	V	N	•								
7.	Are samples (except VOA	and ONG) pr	operly preserv	ed?	Yes	~	N	•								
8.	Was preserva	tive added to	bottles?			Yes		N	•	NA 🗌							
9.	Received at le	east 1 vial wit	th headspace	<1/4" for AQ \	VOA?	Yes		N	•	NA 🗹							
10.	Were any sar	mple contain	ers received b	oroken?		Yes		N	•		/						
11.	Does paperwo	ork match bo	ttle labels?			Yes	_	N	_	# of preserved bottles checked for pH:							
	(Note discrepa			7)		103					2 unless noted)						
12.	Are matrices of	correctly iden	tified on Chai	n of Custody?		Yes	\checkmark	No	b	Adjusted?							
13.	Is it clear what	t analyses w	ere requested	?		Yes	\checkmark	No	\Box								
	Were all holdin (If no, notify co					Yes	\checkmark	No	• 🗆	Checked by: J	2 10/21/2						
	ecial Handl								/								
	Was client no			with this order	?	Yes		N	o 🗌	NA 🗹							
	Person	Notified:	[Date	: [
	By Who	om:	I		Via:	eM	ail 🗌	Phone	Fax	In Person							
	Regardi	ing:	1														
	Client Ir	nstructions:	Ī														
16.	Additional ren	marks:															
17.	Cooler Infor	mation															
	Cooler No		Condition	Seal Intact	Seal No	Seal D	ate	Signed	d By								
	1	0.4	Good	Not Present				- 3									
	2	0.4	Good	Not Present													
	3	1.9	Good	Not Present													

Page 1 of 1

Rec				: 8/1	2/20.	219	:43:4	43 A	M																41202	P 00	ige (141 UNZ	of 2
	ENVTDORMENTA	ANALYSIS LABORATOR	com	Albuquerque, NM 87109	505-345-4107	st	(11)																		yelles fer Sha	トナン	1	N BIZX F	1.94001.9
		2 S	www.hallenvironmental.com	que, l	J5-34	Request	(tu	esd	Altri	Lese		-	92) (Se						_	_			-		Sam	154		widd	г т 0 С
		SIS	ronme	nquer	Fax 50	sis R						1410		State Street		1		-							elle	samole	_ 1	29	4 10 "
	U	Σ.	llenvi	Alb	Щ	Analysis	[†] O	S Ԡ() РС	ZON	' ⁸ O	Ν'	, Br	69	X	\sim	\approx	X	~	X	X	×	\times		Jalyze	20	- 11-1	N 3	0.44
		A L	ed w	- EN	3975	4							8 AS												nal	010		20	44
			Ŵ	kins	345-3			SM	IS0.	1287		1992		00.967.2		-	1					_			4				dept
				4901 Hawkins NE	Tel. 505-345-3975			sa	24.	2808	_		9M) 8							_					_	Aun	P	-	0
				4901	Tel.				and the second s			1.1				$\overline{\mathbf{v}}$		V	$\mathbf{\mathbf{x}}$				\times	-	_	arks:	'		+X
										AMT			-	-	$\widehat{\mathbf{x}}$	\widehat{X}	XX		X	$\widehat{\boldsymbol{\mathbf{x}}}$	X	X	$\overline{\mathbf{x}}$			Remarks:	and a	. 1 6	Nex
				220					C.Cov	-		(°C)						_		¢	1 1	~				Time	1400	lime	0800
		4844		-6.2%2020			ç	えう	Westom	104EN 50		Rend.		2010951	00	200	003	100	200	9006	00	00 %	500				3		10/21/20
	Time:	K Rush	1	t2634-6			Project Manager:	1421V58	SHAR. HARNESTER WesterINI	HLEY GIU	Tes	(including CF): C		Type	lce	icc	100	ice	160	100	ice	ice	icc.			Via:		Via:	CUM
	Turn-Around Time:	□ Standard	Project Name:	SBLUNIT	Project #:		Project Mana	STAR	2442.44	Sampler: A HLSU	Unice.	Cooler Temp(including CF):		Container Type and #	1 20	JAR 1	14R 1	1481	14 R I	1481	1481	MR 1	JAR			Received by:	111	Received by:	Care
	cord			RDD		0	T		Level 4 (Full Validation)					ле	01	11	2'	31	4'	51	101	14	2				1 -		
	Re			in	860220	040			Ful					Nan	Ĉ	~	20	(2)	1	01	l,	1	8			-	A	K	
	Chain-of-Custody Record	د .		STANDAL PE	NNS	0-2	to to		Level 4	npliance				Sample Name	BHOI	3401	BHOI	3401	5401	3HOI	3401	3401	BHOI			MA p	K	d by:	
	of-Cu	on love		Mailing Address: 1224	0-245 2,975	576-94	email or Fax#: State vosto			□ Az Compliance				Matrix	5	Ś	S	2	S	S	Ś	N	5		7	Refindulshed by		Relinquished by:	N
	hain-	WESCOM		Address	Parel		Fax#:	ackage:	lard	ation:	EDD (Two)	- Indi I		Time	QIJO	09:32	9:35	9:38	7:45	9:50	9:55	00:00	10:05			Time:	mg~1	Time:	1900
		Client:				Phone #:		QA/QC Package:	□ Standard	Accreditation:				Date -	20120	10/201	10/20	10/20	2 02/01	10/20	10/20/6	102/0K	10/2/01			1	0	Date:	02/02/02

Received by OCD: 8/12/202	19:43:43 AM	Page 142 of 262
	Additional EDB (Method 504.1) B PAHs by 8310 or 8270SIMS SMI207S8 RCRA 8 Metals RCRA 8 Metals S820 (VO2, PO4, SO4 SM2 S8260 (VOA) SM2 S8260 (VOA) SM2 S270 (Semi-VOA) SM2 SM2 SM2 SM2 SM2	H-L-L-L-L-L-L-L-L-L-L-L-L-L-L-L-L-L-L-L
. 505		-ks: 1 0' 5 2/02 0 = 0.4 5 0.4 7. Any sub-o
490 Tel		Remarks: RUN C 2/1 0,4 + 0 = 0.4 + 0 = 0.4 + 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =
		Remark RW RW C.4 +0 C.4 +0 C.4 +0 C.4 +0 S possibility.
X Rush 48 Hz	Horvest Horvest HEAL 2010 010 0115 012 012 012 012 012 013 013	Date Time 人とりとう 1400 Date Time (0 /011 こい 0 方む) ries. This serves as notice of this
Z6	Indiadage Construction Construc	Via: Via: C.C.C.U.V.
Turn-Around Time: □ Standard Project Name: S&L Un: + 263 Project #:	Project Manage Sampler: AS h On Ice: B Molect Templim Cooler Templim JAR JAR	Receiver by Receiver by Receiver by CVVC
Chain-of-Custody Record Client: Uescom Inc. Mailing Address: 1224 Standors Rd Corlsbod NM 88220	Phone #: 5 $\frac{1}{3}$ × 8 $\frac{1}{3}$ × 8 $\frac{1}{3}$ × 8 $\frac{1}{3}$ × 8 $\frac{1}{3}$ email or Fax#: 5 hor restriction: QAQC Package: QAQC Package: Call of Tandard \Box Standard \Box NELAC $Date D' NE $	Date: Time: Relinquished by: Received by Via: Date Time Remarks: O/P 1.5 mm/s N_{ell} N_{ell

Receive	ANALYSIS LABORATORY		www.naiienvirorimeniai.com 4901 Hawkins NE - Albuquerque, NM 87109	Fax 505-345-4107	Analysis Request	()10	SM 9:4, 5	D9 ,) 228 228 (L't	504 13, 11 13, 1	bo Bta () ()	Metho 8 Me 3r, 1 7OA 7OA	EDB (<i>h</i> RCRA 8260 (<i>i</i> 8250 (<i>i</i> 701al C 701al C	\succ					X	X		×		o' candle 2st it's 1000000 d	Ask in a very on a very on	PTH 6. 42020.4 O.4502 O.4	This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
			4901	Tel. 5	the second second		AM \	0		оя	Ð)(1 2D	(X3T8 08:H9T 9 1808	X	ΧX	XX	ХХ	XX	XX	XX	XX	X		:::	terv o		possibility. Any s
	48 Hr		26314-6-28-2029			saysanot			o vergo	D No C	and the second se	Denn (°C)	HEAL No. Zologs I	019	020	021	022	025	ÔZЧ	Özs	026	Q27		Date Time I	Date Time	12/120 03/10	
Time:	🕅 Rush					gerS'har			er Gi	M Yes	3	ncluding CF): S	Preservative Type	160	100	ice	100	100	100	16.0	ICC	I CC.		and	CINO~	new 101	credited laboratorie
Turn-Around Time:	□ Standard	Project Name:	S&L Unit	Project #:		Project Manager			Sampler: ASh	On Ice:	# of Coolers:	Cooler Temp(Including CF)	Container Type and #	1481	1481	1471	1 4.8 1	1981	JAR 1	14R	TARI	JAR!		Received by:	Received by:	CW DI	ontracted to other ac
Chain-of-Custody Record	Clien		Mailing Address: 1224 Stord D.D. Pd	02288 1	Phone #: 575-840-2940	email or Fax#: Show. horvester Quesconine. com	2 QA/QC Package:	Standard Level 4 (Full Validation)	n: 🛛 🗆 Az Compliance	Other	EDD (Type)		Date Time Matrix Sample Name	1/20 hide 5 Bito4 0'	16:50 5	10/20 10:51 5 BHOY 2'	10:52 5 BHOY	10/20 10:56 5 121+04 41	10/20 11:67 5 BHOY 5'		10/20 11:19 5 Bitod 7'	10/20 11:70 5 13HO4 8'		Date: Time: Relynquished by:	Relinquighed by:	ioladar 1900 M	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.

Attachment G

June 1, 2021 Sample Plan




> (575) 840-3940 wescominc.com

June 1, 2021

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

RE: Additional Vertical Delineation Sample Plan Incident Number NRM2019629912 South Bell Lake Unit 263H Eddy County, New Mexico

Dear Robert Hamlet, Christina Eads, and/or Chad Hensley,

Wescom, Inc. hereafter referred to as (Wescom), is presenting the following Sample Plan on behalf of Kaiser-Francis Oil Company (KFOC) summarizing the response efforts associated with a crude oil release at the South Bell Lake Unit 263H (Site). On June 28, 2020, a check valve on the 263H Lact unit suction line failed inside the secondary containment around the production tank battery which resulted in a 448-barrel (bbl) release of oil inside the containment. The top of the failed valve was found under the body of the valve. Release was reported to New Mexico Oil Conservation Division (NMOCD) on June 28, 2020 (Attachment A). Upon liner inspection, one liner breach was found and was a three-inch semicircle – photo shown in Attachment B.

The Site is located in Unit I, Section 06, Township 24 South and Range 34 East of Lea County, New Mexico. The GPS coordinates are as follows: North 32.245266 and West -103.501034. Surface owner of the site is NGL Water Solutions. The Site falls within NMOCD, District 2 Artesia.

Executive Summary

- August 20, 2020 Wescom onsite to complete delineation.
- October 26, 2020 Deferral request submitted.
- February 19, 2021 Deferral request resubmitted per NMOCD request.
- March 18, 2021 Deferral request rejected per email.
- March 20, 2021 KFOC makes decision to postpone additional delineation until NMOCD has responded to environmental, health and safety hazards of creating an additional breach in the liner. See explanation in "Safety and Cost Concerns."
- March, April, and May 2021 KFOC and Wescom call NMOCD multiple times to get response for how to approach additional vertical delineation sampling in a high safety risk location.
- May 12, 2021 Email from KFOC to NMOCD requesting conversation with OCD regarding the safety and sampling approach for additional vertical delineation.
- May 12, 2021 Email from KFOC to NMOCD detailing a suggested approach with request for response regarding using directional boring as a method of additional vertical delineation.
- May 14, 2021 Response from NMOCD to KFOC stating the need for additional vertical delineation.



- May 19, 2021 Additional information received from directional drilling company willing and capable to collect samples from under tank battery.
- May 19, 2021 KFOC decides to attempt further vertical delineation with Horizontal Drill to avoid unnecessary risk to human health and the environment.

NMOCD Recommendation

As discussed above, KFOC is required to obtain vertical delineation beneath the breached liner. The NMOCD emailed recommendation is to obtain samples within the battery by pulling back the existing liner and sampling beneath it.

Safety and Cost Concerns

KFOC concerns regarding removing any area of liner within containment, and especially the liner directly at the area of breach, are as follows:

- The area in which the liner breach occurred has approximately four-square feet area of liner exposed for sampling production piping and equipment is within a foot radius of the breach, see Photo 1 and 2 in Attachment B.
- It was recommended by NMOCD that additional vertical delineation take place in other areas of the containment and not only directly beneath the original liner breach. The nearest area with space to safely conduct vertical delineation is a minimum of 20 feet from the original breach and still is within a Class 1 Div 1 area where gas powered tools are not permitted. Above ground storage tanks surround the original liner breach and do not permit safe access, see Attachment C.
- On May 26, 2021 an equipment viability test was conducted using a gas-powered auger; refusal was reached at 2.5 feet below ground 10 feet outside of containment; this indicates a high unlikeliness of reaching vertical delineation if attempted within containment.
- If the route is taken to conduct removal of any part of the liner and conduct soil removal or sampling with hand tools or power tools of any type, KFOC would necessarily shut in the site for the safety of those working within containment. The cost of the facility rebuild would amount to approximately \$1,312,500.00.
- The risk of compromising future liner integrity in the previously patched breach is of utmost concern to KFOC. The battery has remaining life left and the integrity of the liner is pertinent to avoid future release to the soil beneath the liner.

KFOC Sample Plan

KFOC is committed to ensure this spill is contained in place and to limit and mitigate against future contamination and migration. The previous investigation conducted in August 2020 indicated no seepage has migrated from beneath the existing liner. This is reasonable cause to believe the current release is contained beneath the liner.



Based on the fact hand augering, using hand tools such as a shovel, and power augering is unlikely to achieve a successful vertical delineation – and recognizing that each of these activities represents an elevated level of human health and safety hazards to collect necessary samples; KFOC is proposing a directional bore to collect samples as follows:

- 1. Dig a trench with excavator at edge of containment and slope back to grade. This allows for control over the vertical depth. Initial sample depths will be four feet.
- 2. Directional drill and collect discrete samples at three equally spaced intervals beneath the battery containment (see Attachment C).
- 3. Directional drill first interval. Remove drill bit and pick up a sample collection assembly. Assembly will be a rotary sawtooth mill. The directional drill will push and rotate to collect up to eight feet of core sample.
- 4. Repeat directional drill with roller cone bit, and sample collection with sawtooth rotary mill assembly under the liner breach, and again at the final interval. Total of three samples collected at three discrete places in the bore path.
- Send discrete samples to third party lab for rush analysis. If the discrete samples do not pass NMOCD criteria, the trench will be dug deeper and collect three more samples at a depth of 10 feet.
- 6. Additional directional boreholes will be drilled if initial results dictate.
- 7. Backfill directional holes with bentonite slurry and backfill excavation with cut material.

NMR Pipeline Construction (NMR) has written a cost estimate and agreement stating their competence in drilling beneath an existing battery to collect discrete soil samples at known depths (Attachment D). KFOC is comfortable with using this alternative approach to additional vertical delineation and is confident that results will provide sufficient data for vertical delineation.

Once the volume of contamination beneath containment is estimated, KFOC will be able to better determine the remediation approach for this release without causing further harm to the environment or human health.

If this sample plan is denied, KFOC requests a virtual meeting within 14 days of rejection to discuss an alternative approach. The original Deferral Request is attached in Attachment E for reference.

If you have any questions or comments, please do not hesitate to contact Shar Harvester at (218) 355-8047 or <u>shar.harvester@wescominc.com</u>.

Sincerely, Wescom, Inc.

Shar Harvester Senior Environmental Consultant



Attachments

Attachment A.	C-141
Attachment B.	Site Photos
Attachment C.	Figure 1. Proposed Vertical Delineation Sample Points
Attachment D.	20210519 NMR Letter of Competence
Attachment E.	October 26, 2020 Deferral Request

Attachment A

Signed 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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Kaiser-Francis Oil Company	OGRID 12361
Contact Name	Charles Lock	Contact Telephone 918-491-4337
Contact email	charlesl@kfoc.net	Incident # (assigned by OCD)
Contact mailing addre	ss 6733 S. Yale Avenue Tulsa, OK 74136	

Location of Release Source

Latitude 32.245266

Longitude -103.501034 (NAD 83 in decimal degrees to 5 decimal places)

Site Name South Bell Lake Unit 263H	Site Type Producing Well Pad
Date Release Discovered 6/28/2020	API# (if applicable) 30-025-43034

Unit Letter	Section	Township	Range	County
Ι	6	24S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: NGL Water Solutions)

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) 448	Volume Recovered (bbls) 274
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/i?	Yes No
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 Release		•

A check valve on the 263H Lact unit suction line failed inside secondary containment around the production tank battery, resulting in a 448 bbl release of oil inside the containment. The top of the failed valve was found under the body of the valve. It was determined that it punched a hole in the liner just below the valve.

Page 2

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	The release meets the following criteria: "an unauthorized release of a volume, excluding gases, of 25 barrels or more."
Yes 🗌 No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes. Charles Lock (KFO	C – EHS Manager). Jim Griswold & Kerry Fortner (NMOCD). 6/29/2020 2:02 PM CST via email.

Initial Response

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

The source of the release has been stopped.

I The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

All free liquids within the secondary containment have been recovered. Sampling will be conducted to determine the extent of lost volume and establish delineation due to the compromised liner.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Charles W. Lock	Title:EH&S Manager
Signature:	Date: <u>7-7-202</u> 0
email:charlesl@kfoc.net	Telephone:918-491-437
OCD Only	
Received by:	Date:

Received by OCD: 8/12/2021 9:43:43 AM

Form C-141State ofPage 5Oil Conse

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
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)

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

Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

Extents of contamination must be fully delineated.

Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Charles Lock	Title: EH & S Manager
Signature: Chily W	Date: February 19, 2021
email: <u>CharlesL@kfoc.net</u>	Telephone: 918-491-4337
OCD Only	
Received by: Chad Hensley	Date: 09/14/2021
Approved Approved with Attached Conditions of A	Approval 🗌 Denied 🔀 Deferral Approved
Signature: Chad Hend	Date: 09/14/2021

Attachment B

Site Photos



Site Photos



Photo 1. Release Point and Breach – Aerial View



Photo 2. Release Point and Breach – from South





Photo 3. Release Point – from North



Photo 4. Release Point – from West





Photo 5. Release Point – from East



Photo 6. Breach Point



Attachment C

Figure 1. Proposed Vertical Delineation Sample Points





Attachment D

20210519 NMR Letter of Competence





Pipeline and Plant Construction

207 S Loop--PO Box 669 Eunice, NM 88231 (575) 394-0144 Fax (575) 394-0148 5018 National Parks Hwy Carlsbad, NM 88220 (575) 887-0614 Fax (575) 887-0618

NM License # 372922 www.pipeliners.net

5-19-21

ATTN: Jeremy Parent

Re: Bore under tank battery

NMR Pipeline Construction would like to submit the following bid on the above referenced project.

NMR Pipeline is confident and competent to bore under tank battery and collect discrete soil samples at known target depths for laboratory analysis.

Lump Sum \$<u>8,307.00</u>

Tax not included in price.

We appreciate and thank you for the opportunity to submit a bid for this project and look forward to working with you in the future.

Sincerely,

Joe Herrera C-575-631-5500 0-575-394-0144



Attachment E

October 26, 2020 Deferral Request





> (575) 840-3940 wescominc.com

October 26, 2020

Christiana Eags, Victoria Venegas, and/or Robert Hamlet State of New Mexico Energy, Minerals, and Natural Resources New Mexico Oil Conservation Division 811 South First Street Artesia, New Mexico 88210

Re: Deferral Request

Company:	Kaiser Francis Oil Company
Location:	South Bell Lake Unit 263H
API:	30-025-43034
PLSS:	Unit I Sec 06 T24S R34E
GPS:	32.245266, -103.501034
Incident ID:	NRM2019629912

Background

Wescom, Inc., hereafter referred to as Wescom, has prepared this deferral request on behalf of **Kaiser-Francis Oil Company**, hereafter referred to as KFOC, regarding the release at the South Bell Lake Unit 263H **(Site)** located in Unit I, Section 06, Township 24 South and Range 34 East in Lea County, New Mexico which occurred on June 28, 2020. The GPS coordinates are as follows: North 32.245266 and West -103.501034. Surface owner of the site is NGL Water Solutions. The Site falls within New Mexico Oil Conservation Division (NMOCD), District 2 Artesia.

According to the C-141, Attachment A: A check valve on the 263H Lact unit suction line failed inside the secondary containment around the production tank battery which resulted in a 448 barrel (bbl) release of oil inside the containment. The top of the failed valve was found under the body of the valve. It was determined that the valve punched a hole in the liner.

Surface & Ground Water

The New Mexico Office of the State Engineer (OSE) records indicates nearest ground water measurement in the area is 390 feet below ground surface (bgs) and is 0.65 miles northeast of the location, as shown in Attachment B. The log for this water well was filed on March 27, 2020.

No playas, lakes, ponds, riverines or wetlands are located within a within a half-mile radius of this site (see Attachment B).



> (575) 840-3940 wescominc.com

Karst Potential

According to data from the Bureau of Land Management, this Site is located within low karst potential as shown in Attachment C. There are no indicators of karst around the Site surface.

Target Remedial Levels

The target cleanup levels are determined using the NMOCD Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC, inserted below) including karst guidelines from the Bureau of Land Management. The applicable recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethyl benzene, and total xylenes (BTEX) and, 2500 ppm Total Petroleum Hydrocarbons (TPH), characterization of vertical and horizontal extent of chloride concentration to a level of 20000 mg/kg (ppm) is also required. Although, the closest depth to water (DTW) data found outside the ½ mile radius of the Site, we have used the highest RRALs for the Site due to the proximity of the DTW data to the required radius.

		B(4)) and Table 1 NMAC			×	
South Bell Lake Unit 263H 32.245266, -103.501034						
Depth to Groundwater		Closure Criteria (units in mg/kg)				
		Chloride * numerical limit or background,	ТРН	BTEX	Benzene	
Based on high karst potential	Low	whichever is greater 600	100	50	10	
less than 50 ft bgs or no water data within 1/2 mile	0.65	600	100	50	10	
51 ft to 100 ft		10000	2500	50	10	
greater than 100 ft	390	20000	2500	50	10	
Surface water	yes or no	If	yes, then			
< 300 feet from continuously flowing watercourse or other significant watercourse?	No					
< 200 feet from lakebed, sinkhole or playa lake?	No					
Water Well or Water Source						
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
< 1000 feet from fresh water well or spring?	No					
Human and Other Areas	2					
< 300 feet from an occupied permanent residence, school, hospital, institution or church?	No					
within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
< 100 feet from wetland?	No					
within area overlying a subsurface mine?	No					
within an unstable Karst area?	No					
within a 100-year floodplain?	No					

Page 2 of 4



> (575) 840-3940 wescominc.com

Delineation Activities

Beginning on August 20, 2020, KFOC contracted Wescom to conduct onsite delineation activities to determine the impact of the June 28, 2020 release outside containment. Atkins Engineering drilled nine boreholes surrounding the containment, with seven boreholes near the original release. A background borehole was drilled approximately 60 feet from the East side of the caliche pad (see Figure 1). Based on the field screen results and analytical data, it was determined that two surface samples (BH01-0', BH04-0') exceeded RRALs (see Table 1). Based on RRAL exceedances, additional delineation activities were scheduled for October 20, 2020.

As planned, additional delineation sampling was completed on October 20, 2020. Wescom personnel were onsite to resample three of the seven boreholes (BH01, BH03, BH04) for clarification on environmental impact depth. Samples were collected every foot, including surface, to a depth of 7 feet on BH03 and 8 feet on BH01 and BH04. All samples collected on October 20, 2020 had results below closure criteria levels (Table 2).

18 samples were obtained from the boreholes on August 20, 2020 and 26 samples were obtained from the boreholes on October 20, 2020. All soil samples were properly packaged, preserved, and transported to Hall Environmental by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH, — Method 8015M/D, BTEX—Method 8021B, and Chlorides—Method 300.0. The results are presented in Tables 1 and 2 and Laboratory Analytical Reports are included in Attachment D. Locations of samples are shown in Figure 1.

Request for Deferral

According to OSE, the DTW exceeds 100 feet with the closest ground water well at 0.65 miles Northeast of location. Samples collected on August 20, 2020 and October 20, 2020 are within the closure criteria for the Site with the forementioned DTW, apart from BH01-0' and BH04-0' which were resampled. The variation between August 20th laboratory sample results to October 20th laboratory sample results can be explained as localized surface contamination which diluted over the course of two months.

August 20th laboratory analysis data for BH02 and BH05 through BH09, as well as October 20th laboratory data for BH01, BH03 and BH04, suggest that the June 28, 2020 release was contained inside and below the tank battery containment. The compromised liner was repaired as soon as the leak was found. As the DTW is greater than 100 feet and the containment area is lined to prevent the release of fluid into the soil, KFOC hereby requests deferral of the Spill associated with NRM2019629912.



> (575) 840-3940 wescominc.com

Figures

Figure 1.A Contained Spill Investigation

Tables

- Table 1.A
 Laboratory Analysis Results: Spill Delineation 08/20/2020
- Table 2.A
 Laboratory Analysis Results: Spill Delineation 10/20/2020
- Table 3.A
 Field Screen Results: Spill Delineation 08/20/2020
- Table 4.A Filed Screen Results: Spill Delineation 10/20/2020

Attachments

Attachment A.A	C-141
Attachment B.A	Closure Criteria Research
Attachment C.A	Karst Map
Attachment D.A	Hall Laboratory Analysis Reports
Attachment E.A	Site Photos

Figures





Tables





South Bell Lake 263H - 6.28.2020 Spill Kaiser-francis Oil Company August 20, 2020						
Table 1. Laboratory Analysis Results						
Samp	ole Descript	ion	Petrol	eum Hydro	carbons	Inorganic
	elow ace)		Vola	atile	Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	ТРН	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Clo	sure Criteri	а	10	50	2500	20000
Delin	eation Crite	eria	10	50	100	600
Lab Order: 200	8C40 - Hall	Environmenta	al Analysis L	aboratory		
BH01	0	8/20/2020	ND	ND	26006	120
BH01	8	8/20/2020	ND	ND	ND	ND
BH02	0	8/20/2020	ND	ND	ND	110
BH02	6	8/20/2020	ND	ND	ND	130
BH03	0	8/20/2020	ND	ND	660	180
BH03	5	8/20/2020	ND	ND	420	ND
BH04	0	8/20/2020	ND	ND	3700	230
BH04	6	8/20/2020	ND	ND	ND	ND
BH05	0	8/20/2020	ND	ND	ND	ND
BH05	6	8/20/2020	ND	ND	ND	ND
BH06	0	8/20/2020	ND	ND	ND	ND
BH06	6	8/20/2020	ND	ND	ND	ND
BH07	0	8/20/2020	ND	ND	ND	82
BH08	0	8/20/2020	ND	ND	ND	390
вно9	0	8/20/2020	ND	ND	ND	210
BG01	0	8/20/2020	ND	ND	ND	ND
BG01	6	8/20/2020	ND	ND	ND	ND
BG01	8	8/20/2020	ND	ND	ND	ND



	South Bell Lake 263H - 6.28.2020 Spill					
	Kaiser-francis Oil Company					
	October 20, 2020 Table 2. Laboratory Analysis Results					
	ו ole Descript			eum Hydro	carbons	Inorganic
Salli		.1011				morganic
0	elow ace)		Vola	atile	Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	ТРН	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Clo	sure Criteri	a	10	50	2500	20000
Delin	eation Crite	eria	10	50	100	600
Lab Order: 201	0951 - Hall	Environmenta	al Analysis L	aboratory		
BH01	0	10/20/2020	ND	ND	12	100
BH01	1	10/20/2020	ND	ND	ND	97
BH01	2	10/20/2020	ND	ND	ND	140
BH01	3	10/20/2020	ND	ND	ND	74
BH01	4	10/20/2020	ND	ND	ND	66
BH01	5	10/20/2020	ND	ND	ND	110
BH01	6	10/20/2020	ND	ND	ND	150
BH01	7	10/20/2020	ND	ND	ND	110
BH01	8	10/20/2020	ND	ND	ND	70
BH03	0	10/20/2020	ND	ND	ND	510
BH03	1	10/20/2020	ND	ND	ND	400
BH03	2	10/20/2020	ND	ND	ND	320
BH03	3	10/20/2020	ND	ND	ND	ND
BH03	4	10/20/2020	ND	ND	ND	ND
BH03	5	10/20/2020	ND	ND	ND	ND
BH03	6	10/20/2020	ND	ND	ND	ND
BH03	7	10/20/2020	ND	ND	ND	ND
BH04	0	10/20/2020	ND	ND	12	650
BH04	1	10/20/2020	ND	ND	ND	93
BH04	2	10/20/2020	ND	ND	ND	87
BH04	3	10/20/2020	ND	ND	ND	ND
BH04	4	10/20/2020	ND	ND	ND	ND
BH04	5	10/20/2020	ND	ND	ND	ND
BH04	6	10/20/2020	ND	ND	ND	ND
BH04	7	10/20/2020	ND	ND	ND	ND
BH04	8	10/20/2020	ND	ND	ND	ND



August 20, 2020 Table 3. Field Screening Results Sample Description Field Screening Image: Sample Description Field Screening Image: Sample Description Field Screening Image: Sample Description Image: Sample Description Image: Sample Description		South Bell Lake 263H - 6.28.2020 Spill Kaiser-francis Oil Company					
Sample Description Field Screening Image: Sample Description Image: Sample Description							
Product Product <t< td=""><td></td><td></td><td>Table 3. F</td><td>ield Screenin</td><td>g Results</td><td></td><td></td></t<>			Table 3. F	ield Screenin	g Results		
Image: Constraint of the system Ppm Ppm Ppm Ppm Ppm Closure Criteria 20000 50 2500 Lab Order: 2008C40 - Hall Environmental Analysis Laboratory 54.6 >10,000 BH01 10:30 0 8/20/2020 - 54.6 >10,000 BH01 10:32 2 8/20/2020 2500 23.5 5700 BH01 10:35 4 8/20/2020 - 10.4 474 BH01 12:01 6 8/20/2020 - 0 0 BH02 11:00 0 8/20/2020 - 0 0 BH02 11:15 4 8/20/2020 - 0 0 BH02 11:17 6 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 0 BH03 13:10 5 8/20/2020 - 0 0 BH03 12:45 2 <td< td=""><td></td><td>Sample I</td><td>Description</td><td></td><td>Fi</td><td>eld Screeni</td><td>ng</td></td<>		Sample I	Description		Fi	eld Screeni	ng
Closure Criteria 20000 50 2500 Lab Order: 2008C40 - Hall Environmental Analysis Laboratory BH01 10:30 0 8/20/2020 - 54.6 >10,000 BH01 10:32 2 8/20/2020 - 6.6 399 BH01 10:35 4 8/20/2020 250 23.5 5700 BH01 12:01 6 8/20/2020 - 2.6 0 BH02 11:00 0 8/20/2020 - 0 36 BH02 11:15 4 8/20/2020 - 0 41 BH02 11:15 4 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 0 BH03 13:10 5 8/20/2020 - 0 0 BH03 13:10 5 8/20/2020 - 0 0 BH03 13:10 5 8/20/2020 - 2.5 23	Sample ID	Time		Date			
Lab Order: 2008C40 - Hall Environmental Analysis Laboratory BH01 10:30 0 $8/20/2020$ - 54.6 >10,000 BH01 10:32 2 $8/20/2020$ 250 23.5 5700 BH01 10:35 4 $8/20/2020$ - 10.4 474 BH01 12:01 6 $8/20/2020$ - 2.6 0 BH02 11:00 0 $8/20/2020$ - 0 36 BH02 11:05 2 $8/20/2020$ - 0 41 BH02 11:15 4 $8/20/2020$ - 0 41 BH02 11:17 6 $8/20/2020$ - 0 0 BH03 12:40 0 $8/20/2020$ - 0 0 BH03 13:10 5 $8/20/2020$ - 0 0 BH03 13:10 5 $8/20/2020$ - 0 0 BH04 14:10							
BH01 10:30 0 8/20/2020 - 54.6 >10,000 BH01 10:32 2 8/20/2020 - 6.6 399 BH01 10:35 4 8/20/2020 250 23.5 5700 BH01 12:01 6 8/20/2020 - 10.4 474 BH01 12:10 8 8/20/2020 - 0 0 BH02 11:00 0 8/20/2020 - 0 36 BH02 11:15 4 8/20/2020 - 0 41 BH02 11:17 6 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 793 BH03 13:00 4 8/20/2020 - 0 37 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 - 2.5 23 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>2500</td></t<>							2500
BH01 10:32 2 8/20/2020 - 6.6 399 BH01 10:35 4 8/20/2020 250 23.5 5700 BH01 12:01 6 8/20/2020 - 10.4 474 BH01 12:10 8 8/20/2020 - 0 0 BH02 11:00 0 8/20/2020 - 0 36 BH02 11:15 4 8/20/2020 - 0 41 BH02 11:17 6 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 793 BH03 12:45 2 8/20/2020 - 0 0 BH03 13:10 5 8/20/2020 - 0 37 BH04 14:10 0 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23					sis Laborato	-	
BH01 10:35 4 8/20/2020 250 23.5 5700 BH01 12:01 6 8/20/2020 - 10.4 474 BH01 12:10 8 8/20/2020 - 2.6 0 BH02 11:00 0 8/20/2020 - 0 0 BH02 11:05 2 8/20/2020 - 0 36 BH02 11:15 4 8/20/2020 - 0 41 BH02 11:17 6 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 0 BH03 13:00 4 8/20/2020 - 0 0 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23					-		
BH0112:016 $8/20/2020$ -10.4474BH0112:108 $8/20/2020$ -2.60BH0211:000 $8/20/2020$ -00BH0211:052 $8/20/2020$ -036BH0211:154 $8/20/2020$ -041BH0211:176 $8/20/2020$ -00BH0312:400 $8/20/2020$ -00BH0312:452 $8/20/2020$ -037BH0313:004 $8/20/2020$ -00BH0313:105 $8/20/2020$ -00BH0414:100 $8/20/2020$ -6.214BH0414:204 $8/20/2020$ -6.214BH0414:306 $8/20/2020$ -00BH0515:352 $8/20/2020$ -00BH0515:352 $8/20/2020$ -00BH0515:456 $8/20/2020$ -00BH0515:456 $8/20/2020$ -00BH0616:000 $8/20/2020$ -00BH0616:104 $8/20/2020$ -00BH0616:156 $8/20/2020$ -013BH0715:150 $8/20/2020$ -00 <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>					-		
BH01 12:10 8 8/20/2020 - 2.6 0 BH02 11:00 0 8/20/2020 - 0 0 BH02 11:05 2 8/20/2020 - 0 36 BH02 11:15 4 8/20/2020 - 0 41 BH02 11:17 6 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 793 BH03 12:45 2 8/20/2020 250 0 0 BH03 13:00 4 8/20/2020 - 0 37 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 - 0 0 BH05					250		
BH0211:000 $8/20/2020$ -00BH0211:052 $8/20/2020$ -036BH0211:154 $8/20/2020$ -041BH0211:176 $8/20/2020$ -00BH0312:400 $8/20/2020$ -0793BH0312:452 $8/20/2020$ 25000BH0313:004 $8/20/2020$ -037BH0313:105 $8/20/2020$ -00BH0414:100 $8/20/2020$ -00BH0414:152 $8/20/2020$ -6.214BH0414:204 $8/20/2020$ -045BH0515:300 $8/20/2020$ -00BH0515:352 $8/20/2020$ -00BH0515:404 $8/20/2020$ -00BH0515:456 $8/20/2020$ -00BH0616:052 $8/20/2020$ -00BH0616:104 $8/20/2020$ -00BH0616:156 $8/20/2020$ -013BH0715:150 $8/20/2020$ -00					-		
BH02 11:05 2 8/20/2020 - 0 36 BH02 11:15 4 8/20/2020 - 0 41 BH02 11:17 6 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 793 BH03 12:45 2 8/20/2020 250 0 0 BH03 13:00 4 8/20/2020 - 0 37 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 - 6.2 14 BH04 14:15 2 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 0 0 BH05 15:30 0 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 - 0 0 BH05 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
BH0211:154 $8/20/2020$ -041BH0211:176 $8/20/2020$ -00BH0312:400 $8/20/2020$ -0793BH0312:452 $8/20/2020$ 25000BH0313:004 $8/20/2020$ -037BH0313:105 $8/20/2020$ -00BH0414:100 $8/20/2020$ -6.214BH0414:152 $8/20/2020$ -6.214BH0414:204 $8/20/2020$ -2.523BH0414:306 $8/20/2020$ -045BH0515:300 $8/20/2020$ -00BH0515:352 $8/20/2020$ -00BH0515:404 $8/20/2020$ -00BH0515:404 $8/20/2020$ -00BH0515:456 $8/20/2020$ -00BH0616:000 $8/20/2020$ -00BH0616:104 $8/20/2020$ -00BH0616:156 $8/20/2020$ -013BH0715:150 $8/20/2020$ -00					-		
BH02 11:17 6 8/20/2020 - 0 0 BH03 12:40 0 8/20/2020 - 0 793 BH03 12:45 2 8/20/2020 250 0 0 BH03 13:00 4 8/20/2020 - 0 37 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 - 0 0 BH04 14:15 2 8/20/2020 375 141.3 >10,000 BH04 14:20 4 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 - 0 45 BH05 15:30 0 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0							
BH03 12:40 0 8/20/2020 - 0 793 BH03 12:45 2 8/20/2020 250 0 0 BH03 13:00 4 8/20/2020 - 0 37 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 375 141.3 >10,000 BH04 14:15 2 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 - 0 45 BH05 15:30 0 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0							
BH03 12:45 2 8/20/2020 250 0 0 BH03 13:00 4 8/20/2020 - 0 37 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 375 141.3 >10,000 BH04 14:15 2 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 - 0 45 BH05 15:30 0 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 - 0 0 0 BH05 15:45 6 8/20/2020 - 0 0 0 BH06 16:00 0 8/20/2020 - 0 <					-		
BH03 13:00 4 8/20/2020 - 0 37 BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 375 141.3 >10,000 BH04 14:15 2 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 - 0 45 BH05 15:30 0 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:10 4 8/20/2020 - 0 0 BH06<					-		
BH03 13:10 5 8/20/2020 - 0 0 BH04 14:10 0 8/20/2020 375 141.3 >10,000 BH04 14:15 2 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 100 16.4 0 BH05 15:30 0 8/20/2020 - 0 45 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:10 4 8/20/2020 - 0 0							
BH04 14:10 0 8/20/2020 375 141.3 >10,000 BH04 14:15 2 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 100 16.4 0 BH05 15:30 0 8/20/2020 - 0 45 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:10 4 8/20/2020 - 0 0							
BH04 14:15 2 8/20/2020 - 6.2 14 BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 100 16.4 0 BH05 15:30 0 8/20/2020 - 0 45 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH06 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
BH04 14:20 4 8/20/2020 - 2.5 23 BH04 14:30 6 8/20/2020 100 16.4 0 BH05 15:30 0 8/20/2020 - 0 45 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 0 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH06 16:15 0 8/20/2020 - 0 0					375		
BH04 14:30 6 8/20/2020 100 16.4 0 BH05 15:30 0 8/20/2020 - 0 45 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 0 0 0 BH05 15:40 4 8/20/2020 0 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH07 15:15 0 8/20/2020 - 0 0					-		
BH05 15:30 0 8/20/2020 - 0 45 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 0 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH06 16:15 0 8/20/2020 - 0 0			-		-		
BH05 15:35 2 8/20/2020 - 0 0 BH05 15:40 4 8/20/2020 0 0 0 0 BH05 15:40 4 8/20/2020 0 0 0 0 BH05 15:45 6 8/20/2020 - 0 0 0 BH06 16:00 0 8/20/2020 - 0.8 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH06 16:15 0 8/20/2020 - 0 0					100		
BH05 15:40 4 8/20/2020 0 0 0 BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH07 15:15 0 8/20/2020 - 0 0					-		
BH05 15:45 6 8/20/2020 - 0 0 BH06 16:00 0 8/20/2020 - 0 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH07 15:15 0 8/20/2020 - 0 0					-		
BH06 16:00 0 8/20/2020 - 0 0 BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH07 15:15 0 8/20/2020 - 0 0					-		-
BH06 16:05 2 8/20/2020 - 0.8 0 BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH07 15:15 0 8/20/2020 - 0 0							
BH06 16:10 4 8/20/2020 - 0 0 BH06 16:15 6 8/20/2020 - 0 13 BH07 15:15 0 8/20/2020 - 0 0							
BH0616:1568/20/2020-013BH0715:1508/20/2020-00					_		
BH07 15:15 0 8/20/2020 - 0 0					_		
					_		
	BH07 BH08	15:00	0	8/20/2020		0	19
BH09 15:20 0 8/20/2020 - 0.8 19					-		



	South Boll Lake 262H - 6 28 2020 Spill					
	South Bell Lake 263H - 6.28.2020 Spill					
			francis Oil Co			
		0	ctober 20, 202	20		
		Table 4. F	ield Screening	g Results		
	Sample I	Description		Fi	eld Screeni	ng
Sample ID	Time	Depth	Date	Mohr Method (Chlorides)	PID Volatile Organic Compounds	Petroflag
		feet		ppm	ppm	ppm
Closure Criteria				20000	50	2500
Lab Order: 2010951 - Hall Environmental Analysis L				sis Laborato	ory	
BH01	10:00	8	10/20/2020	-	-	29
BH03	12:15	7	10/20/2020	-	-	3
BH04	11:30	8	10/20/2020	-	-	27

Attachment A

Signed 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 Page 174 of 262

Incident ID	NRM2019629912
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Kaiser-Francis Oil Company	OGRID 12361
Contact Name	Charles Lock	Contact Telephone 918-491-4337
Contact email	charlesl@kfoc.net	Incident # (assigned by OCD)
Contact mailing addre	ss 6733 S. Yale Avenue Tulsa, OK 74136	netenenen er i

Location of Release Source

Latitude 32,245266

Longitude -103.501034 (NAD 83 in decimal degrees to 5 decimal places)

Site Name South Bell Lake Unit 263H	Site Type Producing Well Pad
Date Release Discovered 6/28/2020	API# (if applicable) 30-025-43034

Unit Letter	Section	Township	Range	County
I	6	24S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: NGL Water Solutions)

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) 448	Volume Recovered (bbls) 274
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
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 Release		b.

A check valve on the 263H Lact unit suction line failed inside secondary containment around the production tank battery, resulting in a 448 bbl release of oil inside the containment. The top of the failed valve was found under the body of the valve. It was determined that it punched a hole in the liner just below the valve.

Page 2

Incident ID	NRM2019629912
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMÁC?	The release meets the following criteria: "an unauthorized release of a volume, excluding gases, of 25 barrels or more."
Yes 🗌 No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes. Charles Lock (KFO	C – EHS Manager). Jim Griswold & Kerry Fortner (NMOCD). 6/29/2020 2:02 PM CST via email.

Initial Response

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

The source of the release has been stopped.

In the impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately,

If all the actions described above have not been undertaken, explain why:

All free liquids within the secondary containment have been recovered. Sampling will be conducted to determine the extent of lost volume and establish delineation due to the compromised liner.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Charles W. Lock	Title:EH&S Manager
Signature:	Date: <u>7-7-202</u> 0
email:charlesl@kfoc.net	Telephone:918-491-437
OCD Only	
Received by:	Date:

Page 3

Oil Conservation Division

Page	1	76	of	2	<u>62</u>

	Incident ID	NRM2019629912
· •	District RP	
	Facility ID	
	Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>340</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🛛 No

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
 Field data

Data table of soil contaminant concentration data

Depth to water determination

Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release

Boring or excavation logs

Photographs including date and GIS information

- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Received by OCD: 8/12/	2021 9:43:43 AM State of New Mexico		Page 177				
Form C-141			Incident ID	NRM2019629912			
Page 4	Oil Conservation Divisi	on	District RP				
			Facility ID				
			Application ID				
regulations all operators public health or the envir failed to adequately inve	LW	e notifications and perform co the OCD does not relieve the a threat to groundwater, surfa	prrective actions for rele e operator of liability sh ace water, human health liance with any other fe er	cases which may endanger ould their operations have or the environment. In			
OCD Only			· · · · · · · · · · · · · · · · · · ·				
Received by:		Date:					

Attachment B

Closure Criteria Research





New Mexico Office of the State Engineer Point of Diversion Summary

			(quarters	are 1=N	W 2=1	NE 3=S					
			(quarter	rs are sm	allest t	o larges	t)	(NAD83 U	(NAD83 UTM in meters)		
Well Tag POD Number			Q64 Q	Q16 Q4 S		ec Tws	Rng	Х	Y		
2215A	C 04	4282 POD1	1	2 1	05	24S	34E	641662	3569541 🌍		
x Driller Lic	ense:	1641	Driller (Compa	ny:	A &	κ WA	TER WELL	DRILLING		
Driller Na	me:	GLASSPOOLE,	KRISTOPHE	R L.N	ER						
Drill Start	Date:	11/19/2018	Drill Fir	ish Da	te:	1	1/23/20	18 Pl u	ig Date:		
Log File D	ate:	03/27/2020	PCW Re	ev Date	:			So	Source:		
Pump Type:			Pipe Dis	charge	Size	:		Es	Estimated Yield:		
Casing Siz	ze:	6.00	Depth W	Vell:		5′	74 feet	De	pth Water:	390 feet	
X	Wate	er Bearing Stratif	ications:	Ta	p B	ottom	Desci	ription			
		38	85	490	Sands	stone/Gravel	/Conglomerate				
Casing Perform			forations:	Та	p B	ottom					

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

8/20/20 8:59 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	(2=NE 3 st to lar	3=SW 4=SE gest) (NA) AD83 UTM in me	eters)	(1	n feet)	
POD Number	POD Sub- Code basin C	ount		Q (16 4		Tws	Rna	Х	Y	Distance		Depth Water (Water Column
C 04282 POD1	С	LE		2		24S	-	641662	3569541 🌍	1044	574	390	184
C 03932 POD3	CUB	LE	4	3	2 05	24S	34E	642442	3568787 🌍	1283	100		
<u>C 04014 POD1</u>	CUB	LE	1	1 :	3 06	24S	34E	639811	3568638 🌍	1357	91	81	10
C 03620 POD1	CUB	LE	1	4 :	3 32	23S	34E	641790	3569941 🌍	1459	480	130	350
<u>C 04014 POD2</u>	CUB	LE	4	4	2 01	24S	33E	639656	3568917 🌍	1542	95	81	14
C 04014 POD3	CUB	LE	2	4	2 01	24S	33E	639497	3569007 🌍	1715	95	87	8
C 03932 POD8	CUB	LE	4	2	4 07	24S	34E	641120	3566769 🌍	1851	72		
C 04014 POD4	CUB	LE	3	4	2 01	24S	33E	639295	3568859 🌍	1888	96	86	10
C 04014 POD5	CUB	LE	1	4	2 01	24S	33E	639284	3569086 🌍	1941	95	85	10
<u>C 02386</u>	CUB	LE	4	1 :	2 04	24S	34E	643962	3569290* 🌍	2872	575	475	100
<u>C 02397</u>	CUB	LE	4	1 :	2 04	24S	34E	643962	3569290* 🌍	2872	575	475	100
C 03666 POD1	С	LE	2	3 4	4 13	24S	33E	639132	3565078 🌍	4086	650	390	260
C 03917 POD1	С	LE	4	1 :	3 13	24S	33E	638374	3565212 🌍	4407	600	420	180
<u>C 02284</u>	CUB	LE	4	2	4 26	23S	33E	637907	3571626* 🌍	4435	325	225	100
<u>C 02282</u>	CUB	LE	3	1	1 25	23S	33E	638098	3572436* 🌍	4897	325	225	100
									Avera	ge Depth to	Water:	242	feet
										Minimum	Depth:	81 1	feet
										Maximum	Depth:	475 1	feet
Record Count: 15													
UTMNAD83 Radius	Search (in meter	rs):											

Easting (X): 641169

Northing (Y): 3568620.93

Radius: 5000

*UTM location was derived from PLSS - see Help

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


National Wetlands Inventory

U.S. Fish and Wildlife Service



Riverine

Freshwater Pond

Estuarine and Marine Wetland



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

Riverine

Freshwater Pond

Estuarine and Marine Wetland





Released to Imaging: 9/14/2021 10:07:14 AM

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

Riverine

Freshwater Pond

Estuarine and Marine Wetland

Active Mines Near South Bell Lake Unit 263H

T235	R33E	1	120			T238
21	22	23-10 10	7 24	19	20	21
28	27	26	25 G	30	29	28
33	34	35	36	(21) 31	32	33
*	Э	** 2	1	6	5	4
9	10	п	12	7	8	9
18	15	14	13	18	17	16
1245	8 R33E				r 1 1 1 1	T24
21	22	23	24	19	20	21
			P. 1			
/1/2020, 1:47:41 P				0	1:72,224 0.5 1	2 mi

Registered Mines

* Aggregate, Stone etc.

U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS







Attachment C

Karst Map





Attachment D

Hall Laboratory Analysis Reports





August 31, 2020

Shar Harvester Wescom Inc 1907 San Jose Blvd. Apt. 425 Carlsbad, NM 88220 TEL: (575) 499-6831 FAX:

RE: SBL Unit 263H-6.28.2020 Spill

OrderNo.: 2008C40

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Shar Harvester:

Hall Environmental Analysis Laboratory received 18 sample(s) on 8/22/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH01-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 10:30:00 AM Lab ID: 2008C40-001 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) 14000 190 mg/Kg 20 8/26/2020 3:21:48 PM Motor Oil Range Organics (MRO) 12000 970 mg/Kg 20 8/26/2020 3:21:48 PM Surr: DNOP 30.4-154 S %Rec 20 8/26/2020 3:21:48 PM 0 **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 8/28/2020 6:14:26 PM 120 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 8/25/2020 5:41:48 PM mg/Kg 1 Toluene ND 0.049 1 8/25/2020 5:41:48 PM mg/Kg Ethylbenzene ND 0.049 mg/Kg 1 8/25/2020 5:41:48 PM Xylenes, Total ND 0.097 mg/Kg 1 8/25/2020 5:41:48 PM Surr: 1,2-Dichloroethane-d4 87.7 70-130 %Rec 1 8/25/2020 5:41:48 PM Surr: 4-Bromofluorobenzene 91.9 70-130 %Rec 1 8/25/2020 5:41:48 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 5:41:48 PM 86.4 1 Surr: Toluene-d8 95.4 70-130 %Rec 1 8/25/2020 5:41:48 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 6.4 4.9 mg/Kg 8/25/2020 5:41:48 PM 1 Surr: BFB 97.8 70-130 %Rec 1 8/25/2020 5:41:48 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 1 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH01-8' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 12:01:00 PM Lab ID: 2008C40-002 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.5 mg/Kg 1 8/26/2020 3:31:41 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/26/2020 3:31:41 PM Surr: DNOP 61.7 30.4-154 %Rec 1 8/26/2020 3:31:41 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 3:11:02 PM mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.025 8/25/2020 7:11:16 PM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 8/25/2020 7:11:16 PM Ethylbenzene ND 0.049 mg/Kg 1 8/25/2020 7:11:16 PM Xylenes, Total ND 0.098 mg/Kg 1 8/25/2020 7:11:16 PM Surr: 1,2-Dichloroethane-d4 90.9 70-130 %Rec 1 8/25/2020 7:11:16 PM Surr: 4-Bromofluorobenzene 94.4 70-130 %Rec 1 8/25/2020 7:11:16 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 7:11:16 PM 91.5 1 Surr: Toluene-d8 94.9 70-130 %Rec 1 8/25/2020 7:11:16 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/25/2020 7:11:16 PM 1 Surr: BFB 98.2 70-130 %Rec 1 8/25/2020 7:11:16 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
- H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 2 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH02-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 11:00:00 AM Lab ID: 2008C40-003 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 8/26/2020 3:41:34 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/26/2020 3:41:34 PM Surr: DNOP 68.7 30.4-154 %Rec 1 8/26/2020 3:41:34 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 60 8/29/2020 3:23:21 PM 110 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 8/25/2020 7:40:57 PM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 8/25/2020 7:40:57 PM Ethylbenzene ND 0.049 mg/Kg 1 8/25/2020 7:40:57 PM Xylenes, Total ND 0.097 mg/Kg 1 8/25/2020 7:40:57 PM Surr: 1,2-Dichloroethane-d4 87.0 70-130 %Rec 1 8/25/2020 7:40:57 PM Surr: 4-Bromofluorobenzene 95.6 70-130 %Rec 1 8/25/2020 7:40:57 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 7:40:57 PM 88.7 1 Surr: Toluene-d8 97.4 70-130 %Rec 1 8/25/2020 7:40:57 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/25/2020 7:40:57 PM 1 Surr: BFB 98.7 70-130 %Rec 1 8/25/2020 7:40:57 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 3 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH02-6' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 11:17:00 AM Lab ID: 2008C40-004 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.6 mg/Kg 1 8/26/2020 3:51:26 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/26/2020 3:51:26 PM Surr: DNOP 76.3 30.4-154 %Rec 1 8/26/2020 3:51:26 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 61 8/29/2020 3:35:41 PM 130 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.023 8/25/2020 8:10:35 PM mg/Kg 1 Toluene ND 0.046 mg/Kg 1 8/25/2020 8:10:35 PM Ethylbenzene ND 0.046 mg/Kg 1 8/25/2020 8:10:35 PM Xylenes, Total ND 0.092 mg/Kg 1 8/25/2020 8:10:35 PM Surr: 1,2-Dichloroethane-d4 95.8 70-130 %Rec 1 8/25/2020 8:10:35 PM Surr: 4-Bromofluorobenzene 95.0 70-130 %Rec 1 8/25/2020 8:10:35 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 8:10:35 PM 93.9 1 Surr: Toluene-d8 95.8 70-130 %Rec 1 8/25/2020 8:10:35 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.6 mg/Kg 8/25/2020 8:10:35 PM 1 Surr: BFB 96.9 70-130 %Rec 1 8/25/2020 8:10:35 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 4 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH03-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 12:40:00 PM Lab ID: 2008C40-005 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) 290 20 mg/Kg 2 8/26/2020 4:01:16 PM Motor Oil Range Organics (MRO) 2 370 99 mg/Kg 8/26/2020 4:01:16 PM Surr: DNOP 82.6 30.4-154 %Rec 2 8/26/2020 4:01:16 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 60 8/29/2020 3:48:01 PM 180 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 8/25/2020 8:40:08 PM mg/Kg 1 Toluene ND 0.047 mg/Kg 1 8/25/2020 8:40:08 PM Ethylbenzene ND 0.047 mg/Kg 1 8/25/2020 8:40:08 PM Xylenes, Total ND 0.094 mg/Kg 1 8/25/2020 8:40:08 PM Surr: 1,2-Dichloroethane-d4 96.5 70-130 %Rec 1 8/25/2020 8:40:08 PM Surr: 4-Bromofluorobenzene 93.4 70-130 %Rec 1 8/25/2020 8:40:08 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 8:40:08 PM 95.0 1 Surr: Toluene-d8 95.3 70-130 %Rec 1 8/25/2020 8:40:08 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.7 mg/Kg 8/25/2020 8:40:08 PM 1 Surr: BFB 99.7 70-130 %Rec 1 8/25/2020 8:40:08 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- D Sample Diluted Due to Matrix
 Holding times for preparation or analysis exceeded
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit POL Practical Quanitative Limit
 - QL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 5 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH03-5' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 1:00:00 PM Lab ID: 2008C40-006 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) 170 19 mg/Kg 2 8/26/2020 4:11:05 PM Motor Oil Range Organics (MRO) 2 250 94 mg/Kg 8/26/2020 4:11:05 PM Surr: DNOP 83.3 30.4-154 %Rec 2 8/26/2020 4:11:05 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 4:00:21 PM mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.025 8/25/2020 9:09:38 PM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 8/25/2020 9:09:38 PM Ethylbenzene ND 0.049 mg/Kg 1 8/25/2020 9:09:38 PM Xylenes, Total ND 0.098 mg/Kg 1 8/25/2020 9:09:38 PM Surr: 1,2-Dichloroethane-d4 97.2 70-130 %Rec 1 8/25/2020 9:09:38 PM Surr: 4-Bromofluorobenzene 95.2 70-130 %Rec 1 8/25/2020 9:09:38 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 9:09:38 PM 95.5 1 Surr: Toluene-d8 95.7 70-130 %Rec 1 8/25/2020 9:09:38 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/25/2020 9:09:38 PM 1 Surr: BFB 96.6 70-130 %Rec 1 8/25/2020 9:09:38 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit Practical Quanitative Limit PQL
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 6 of 23

CLIENT: Wescom Inc

2008C40-007

Project:

Lab ID:

Analytical Report Lab Order 2008C40

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Client Sample ID: BH04-0' Collection Date: 8/20/2020 2:10:00 PM Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst: BRM
Diesel Range Organics (DRO)	3700	93		mg/Kg	10	8/27/2020 1:16:29 PM
Motor Oil Range Organics (MRO)	ND	460	D	mg/Kg	10	8/27/2020 1:16:29 PM
Surr: DNOP	0	30.4-154	S	%Rec	10	8/27/2020 1:16:29 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	230	60		mg/Kg	20	8/29/2020 4:12:42 PM
EPA METHOD 8260B: VOLATILES SHORT	LIST					Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	8/25/2020 9:39:08 PM
Toluene	ND	0.049		mg/Kg	1	8/25/2020 9:39:08 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/25/2020 9:39:08 PM
Xylenes, Total	ND	0.098		mg/Kg	1	8/25/2020 9:39:08 PM
Surr: 1,2-Dichloroethane-d4	90.9	70-130		%Rec	1	8/25/2020 9:39:08 PM
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	8/25/2020 9:39:08 PM
Surr: Dibromofluoromethane	93.6	70-130		%Rec	1	8/25/2020 9:39:08 PM
Surr: Toluene-d8	96.9	70-130		%Rec	1	8/25/2020 9:39:08 PM
EPA METHOD 8015D MOD: GASOLINE RA	NGE					Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/25/2020 9:39:08 PM
Surr: BFB	101	70-130		%Rec	1	8/25/2020 9:39:08 PM

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 7 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH04-6' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 2:30:00 PM Lab ID: 2008C40-008 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.9 mg/Kg 1 8/26/2020 4:30:42 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/26/2020 4:30:42 PM Surr: DNOP 81.0 30.4-154 %Rec 1 8/26/2020 4:30:42 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 4:49:44 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.023 8/25/2020 10:08:36 PM mg/Kg 1 Toluene ND 0.047 mg/Kg 1 8/25/2020 10:08:36 PM Ethylbenzene ND 0.047 mg/Kg 1 8/25/2020 10:08:36 PM Xylenes, Total ND 0.094 mg/Kg 1 8/25/2020 10:08:36 PM Surr: 1,2-Dichloroethane-d4 94.7 70-130 %Rec 1 8/25/2020 10:08:36 PM Surr: 4-Bromofluorobenzene 93.3 70-130 %Rec 1 8/25/2020 10:08:36 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 10:08:36 PM 96.9 1 Surr: Toluene-d8 96.9 70-130 %Rec 1 8/25/2020 10:08:36 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.7 mg/Kg 8/25/2020 10:08:36 PM 1 Surr: BFB 101 70-130 %Rec 1 8/25/2020 10:08:36 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 8 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH05-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 3:30:00 PM Lab ID: 2008C40-009 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.6 mg/Kg 1 8/26/2020 4:40:29 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/26/2020 4:40:29 PM Surr: DNOP 64.6 30.4-154 %Rec 1 8/26/2020 4:40:29 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 5:02:04 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.024 8/25/2020 10:38:05 PM mg/Kg 1 Toluene ND 0.048 mg/Kg 1 8/25/2020 10:38:05 PM Ethylbenzene ND 0.048 mg/Kg 1 8/25/2020 10:38:05 PM Xylenes, Total ND 0.096 mg/Kg 1 8/25/2020 10:38:05 PM Surr: 1,2-Dichloroethane-d4 93.2 70-130 %Rec 1 8/25/2020 10:38:05 PM Surr: 4-Bromofluorobenzene 95.8 70-130 %Rec 1 8/25/2020 10:38:05 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 10:38:05 PM 93.9 1 Surr: Toluene-d8 94.8 70-130 %Rec 1 8/25/2020 10:38:05 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.8 mg/Kg 8/25/2020 10:38:05 PM 1 Surr: BFB 98.6 70-130 %Rec 1 8/25/2020 10:38:05 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 9 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH05-6' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 3:45:00 PM Lab ID: 2008C40-010 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 8/26/2020 4:50:15 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 8/26/2020 4:50:15 PM Surr: DNOP 73.1 30.4-154 %Rec 1 8/26/2020 4:50:15 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 5:14:24 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.024 8/25/2020 11:07:46 PM mg/Kg 1 Toluene ND 0.049 1 8/25/2020 11:07:46 PM mg/Kg Ethylbenzene ND 0.049 mg/Kg 1 8/25/2020 11:07:46 PM Xylenes, Total ND 0.097 mg/Kg 1 8/25/2020 11:07:46 PM Surr: 1,2-Dichloroethane-d4 93.0 70-130 %Rec 1 8/25/2020 11:07:46 PM Surr: 4-Bromofluorobenzene 95.9 70-130 %Rec 1 8/25/2020 11:07:46 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 11:07:46 PM 94.6 1 Surr: Toluene-d8 96.5 70-130 %Rec 1 8/25/2020 11:07:46 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/25/2020 11:07:46 PM 1 Surr: BFB 99.8 70-130 %Rec 1 8/25/2020 11:07:46 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 10 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH06-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 4:00:00 PM Lab ID: 2008C40-011 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.1 mg/Kg 1 8/26/2020 4:59:58 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 8/26/2020 4:59:58 PM Surr: DNOP 72.9 30.4-154 %Rec 1 8/26/2020 4:59:58 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 5:26:46 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.024 8/25/2020 11:37:27 PM mg/Kg 1 Toluene ND 0.049 1 8/25/2020 11:37:27 PM mg/Kg Ethylbenzene ND 0.049 mg/Kg 1 8/25/2020 11:37:27 PM Xylenes, Total ND 0.098 mg/Kg 1 8/25/2020 11:37:27 PM Surr: 1,2-Dichloroethane-d4 93.9 70-130 %Rec 1 8/25/2020 11:37:27 PM Surr: 4-Bromofluorobenzene 91.3 70-130 %Rec 1 8/25/2020 11:37:27 PM Surr: Dibromofluoromethane 70-130 %Rec 8/25/2020 11:37:27 PM 97.1 1 Surr: Toluene-d8 96.3 70-130 %Rec 1 8/25/2020 11:37:27 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/25/2020 11:37:27 PM 1

97.7

70-130

%Rec

1

8/25/2020 11:37:27 PM

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

Qualifiers:

Surr: BFB

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 11 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH06-6' SBL Unit 263H-6.28.2020 Spill **Project:** Collection Date: 8/20/2020 4:15:00 PM Lab ID: 2008C40-012 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.8 mg/Kg 1 8/26/2020 5:09:48 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/26/2020 5:09:48 PM Surr: DNOP 66.7 30.4-154 %Rec 1 8/26/2020 5:09:48 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 2:34:49 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.025 8/26/2020 12:07:00 AM mg/Kg 1 Toluene ND 0.050 mg/Kg 1 8/26/2020 12:07:00 AM Ethylbenzene ND 0.050 mg/Kg 1 8/26/2020 12:07:00 AM Xylenes, Total ND 0.10 mg/Kg 1 8/26/2020 12:07:00 AM Surr: 1,2-Dichloroethane-d4 96.3 70-130 %Rec 1 8/26/2020 12:07:00 AM Surr: 4-Bromofluorobenzene 94.6 70-130 %Rec 1 8/26/2020 12:07:00 AM Surr: Dibromofluoromethane 70-130 %Rec 8/26/2020 12:07:00 AM 95.9 1 Surr: Toluene-d8 97.6 70-130 %Rec 1 8/26/2020 12:07:00 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 5.0 mg/Kg 8/26/2020 12:07:00 AM 1 Surr: BFB 97.7 70-130 %Rec 1 8/26/2020 12:07:00 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 12 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH07-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 3:15:00 PM Lab ID: 2008C40-013 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 8/26/2020 5:19:45 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 8/26/2020 5:19:45 PM Surr: DNOP 60.9 30.4-154 %Rec 1 8/26/2020 5:19:45 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 60 8/29/2020 3:12:02 PM 82 mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.024 8/26/2020 2:34:48 AM mg/Kg 1 Toluene ND 0.048 mg/Kg 1 8/26/2020 2:34:48 AM Ethylbenzene ND 0.048 mg/Kg 1 8/26/2020 2:34:48 AM Xylenes, Total ND 0.096 mg/Kg 1 8/26/2020 2:34:48 AM Surr: 1,2-Dichloroethane-d4 95.9 70-130 %Rec 1 8/26/2020 2:34:48 AM Surr: 4-Bromofluorobenzene 95.4 70-130 %Rec 1 8/26/2020 2:34:48 AM Surr: Dibromofluoromethane 70-130 %Rec 8/26/2020 2:34:48 AM 95.0 1 Surr: Toluene-d8 96.0 70-130 %Rec 1 8/26/2020 2:34:48 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.8 mg/Kg 8/26/2020 2:34:48 AM 1 Surr: BFB 99.0 70-130 %Rec 1 8/26/2020 2:34:48 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 13 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH08-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 3:00:00 PM Lab ID: 2008C40-014 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 8/26/2020 5:29:50 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 8/26/2020 5:29:50 PM Surr: DNOP 69.0 30.4-154 %Rec 1 8/26/2020 5:29:50 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 390 60 8/29/2020 3:24:26 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.023 8/26/2020 3:04:12 AM mg/Kg 1 Toluene ND 0.047 mg/Kg 1 8/26/2020 3:04:12 AM Ethylbenzene ND 0.047 mg/Kg 1 8/26/2020 3:04:12 AM Xylenes, Total ND 0.093 mg/Kg 1 8/26/2020 3:04:12 AM Surr: 1,2-Dichloroethane-d4 95.7 70-130 %Rec 1 8/26/2020 3:04:12 AM Surr: 4-Bromofluorobenzene 92.1 70-130 %Rec 1 8/26/2020 3:04:12 AM Surr: Dibromofluoromethane 70-130 %Rec 8/26/2020 3:04:12 AM 97.2 1 Surr: Toluene-d8 96.1 70-130 %Rec 1 8/26/2020 3:04:12 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.7 mg/Kg 8/26/2020 3:04:12 AM 1 Surr: BFB 98.7 70-130 %Rec 1 8/26/2020 3:04:12 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 14 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BH09-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 3:20:00 PM Lab ID: 2008C40-015 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.2 mg/Kg 1 8/26/2020 5:39:58 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 8/26/2020 5:39:58 PM Surr: DNOP 64.2 30.4-154 %Rec 1 8/26/2020 5:39:58 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 210 8/29/2020 3:36:51 PM 59 mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.024 8/26/2020 3:33:33 AM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 8/26/2020 3:33:33 AM Ethylbenzene ND 0.049 mg/Kg 1 8/26/2020 3:33:33 AM Xylenes, Total ND 0.098 mg/Kg 1 8/26/2020 3:33:33 AM Surr: 1,2-Dichloroethane-d4 94.4 70-130 %Rec 1 8/26/2020 3:33:33 AM Surr: 4-Bromofluorobenzene 92.3 70-130 %Rec 1 8/26/2020 3:33:33 AM Surr: Dibromofluoromethane 70-130 %Rec 8/26/2020 3:33:33 AM 93.9 1 Surr: Toluene-d8 97.3 70-130 %Rec 1 8/26/2020 3:33:33 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/26/2020 3:33:33 AM 1 Surr: BFB 95.6 70-130 %Rec 1 8/26/2020 3:33:33 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 15 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BG01-0' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 5:00:00 PM Lab ID: 2008C40-016 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.3 mg/Kg 1 8/26/2020 6:20:38 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 8/26/2020 6:20:38 PM Surr: DNOP 82.5 30.4-154 %Rec 1 8/26/2020 6:20:38 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 61 8/29/2020 3:49:15 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.024 8/26/2020 4:03:07 AM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 8/26/2020 4:03:07 AM Ethylbenzene ND 0.049 mg/Kg 1 8/26/2020 4:03:07 AM Xylenes, Total ND 0.098 mg/Kg 1 8/26/2020 4:03:07 AM Surr: 1,2-Dichloroethane-d4 94.1 70-130 %Rec 1 8/26/2020 4:03:07 AM Surr: 4-Bromofluorobenzene 96.5 70-130 %Rec 1 8/26/2020 4:03:07 AM Surr: Dibromofluoromethane 70-130 %Rec 8/26/2020 4:03:07 AM 94.4 1 Surr: Toluene-d8 97.2 70-130 %Rec 1 8/26/2020 4:03:07 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/26/2020 4:03:07 AM 1 Surr: BFB 98.5 70-130 %Rec 1 8/26/2020 4:03:07 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
- H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 16 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BG01-6' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 5:10:00 PM Lab ID: 2008C40-017 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 8.9 mg/Kg 1 8/26/2020 6:50:50 PM Motor Oil Range Organics (MRO) ND 44 mg/Kg 1 8/26/2020 6:50:50 PM Surr: DNOP 66.8 30.4-154 %Rec 1 8/26/2020 6:50:50 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 4:01:39 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.024 8/26/2020 4:32:35 AM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 8/26/2020 4:32:35 AM Ethylbenzene ND 0.049 mg/Kg 1 8/26/2020 4:32:35 AM Xylenes, Total ND 0.098 mg/Kg 1 8/26/2020 4:32:35 AM Surr: 1,2-Dichloroethane-d4 92.6 70-130 %Rec 1 8/26/2020 4:32:35 AM Surr: 4-Bromofluorobenzene 95.9 70-130 %Rec 1 8/26/2020 4:32:35 AM Surr: Dibromofluoromethane 70-130 %Rec 8/26/2020 4:32:35 AM 94.2 1 Surr: Toluene-d8 96.8 70-130 %Rec 1 8/26/2020 4:32:35 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 8/26/2020 4:32:35 AM 1 Surr: BFB 98.3 70-130 %Rec 1 8/26/2020 4:32:35 AM

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
- H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 17 of 23

Date Reported: 8/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc Client Sample ID: BG01-8' **Project:** SBL Unit 263H-6.28.2020 Spill Collection Date: 8/20/2020 5:20:00 PM Lab ID: 2008C40-018 Matrix: SOIL Received Date: 8/22/2020 8:50:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 8/26/2020 7:00:51 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 8/26/2020 7:00:51 PM Surr: DNOP 46.4 30.4-154 %Rec 1 8/26/2020 7:00:51 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 8/29/2020 4:38:52 PM mg/Kg 20 EPA METHOD 8260B: VOLATILES SHORT LIST Analyst: JMR Benzene ND 0.023 8/26/2020 5:01:59 AM mg/Kg 1 Toluene ND 0.047 mg/Kg 1 8/26/2020 5:01:59 AM Ethylbenzene ND 0.047 mg/Kg 1 8/26/2020 5:01:59 AM Xylenes, Total ND 0.094 mg/Kg 1 8/26/2020 5:01:59 AM Surr: 1,2-Dichloroethane-d4 96.1 70-130 %Rec 1 8/26/2020 5:01:59 AM Surr: 4-Bromofluorobenzene 95.5 70-130 %Rec 1 8/26/2020 5:01:59 AM 70-130 %Rec 8/26/2020 5:01:59 AM 1

98.0

Surr: Dibromofluoromethane 94.5 Surr: Toluene-d8 97.5 70-130 **EPA METHOD 8015D MOD: GASOLINE RANGE** Gasoline Range Organics (GRO) ND

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

Qualifiers:

Surr: BFB

- * 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 PQL
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits

%Rec

mg/Kg

%Rec

4.7

70-130

1

1

1

8/26/2020 5:01:59 AM

8/26/2020 5:01:59 AM

8/26/2020 5:01:59 AM

Analyst: JMR

- Р Sample pH Not In Range
- RL Reporting Limit

Page 18 of 23

Wescom Inc

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Project: SB	L Unit 263H-6.28.2020 Spill	
Sample ID: MB-54760	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 54760	RunNo: 71445
Prep Date: 8/28/2020	Analysis Date: 8/28/2020	SeqNo: 2495190 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND 1.5	
Sample ID: LCS-54760	SampType: Ics	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 54760	RunNo: 71445
Prep Date: 8/28/2020	Analysis Date: 8/28/2020	SeqNo: 2495191 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	15 1.5 15.00	0 96.7 90 110
Sample ID: MB-54776	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 54776	RunNo: 71475
Prep Date: 8/28/2020	Analysis Date: 8/29/2020	SeqNo: 2495781 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND 1.5	
Sample ID: LCS-54776	SampType: Ics	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 54776	RunNo: 71475
Prep Date: 8/28/2020	Analysis Date: 8/29/2020	SeqNo: 2495782 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14 1.5 15.00	0 96.5 90 110
Sample ID: MB-54781	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 54781	RunNo: 71481
Prep Date: 8/29/2020	Analysis Date: 8/29/2020	SeqNo: 2496084 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND 1.5	
	SampType: Ics	TestCode: EPA Method 300.0: Anions
Sample ID: LCS-54781		
Sample ID: LCS-54781 Client ID: LCSS	Batch ID: 54781	RunNo: 71481
•		RunNo: 71481 SeqNo: 2496085 Units: mg/Kg
Client ID: LCSS	Batch ID: 54781 Analysis Date: 8/29/2020	

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 ND
- Practical Quanitative Limit PQL
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 19 of 23

WO#: 2008C40

31-Aug-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

KY KEFURI	WO#:	2008C40	
ental Analysis Laboratory, Inc.		31-Aug-20	

Client:	Wescom	Inc									
Project:	SBL Unit	263H-6.2	8.2020	Spill							
Sample ID:	2008C40-016AMS	SampT	ype: MS	3	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	BG01-0'	Batch	n ID: 54	670	F	RunNo: 7	1390				
Prep Date:	8/25/2020	Analysis D	ate: 8 /	26/2020	S	SeqNo: 2	491969	Units: mg/H	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	Organics (DRO)	47	9.6	47.76	3.099	92.0	47.4	136			
Surr: DNOP		4.2		4.776		88.8	30.4	154			
Sample ID:	2008C40-016AMSI	D SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	BG01-0'	Batch	n ID: 54	670	F	RunNo: 7	1390				
Prep Date:	8/25/2020	Analysis D	ate: 8 /	26/2020	5	SeqNo: 2 4	491970	Units: mg/ #	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	34	8.8	44.13	3.099	69.9	47.4	136	32.3	43.4	
Surr: DNOP		3.0		4.413		68.7	30.4	154	0	0	
Sample ID:	LCS-54660	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID:	LCSS	Batch	n ID: 54	660	F	RunNo: 7	1390				
Prep Date:	8/25/2020	Analysis D	ate: 8 /	26/2020	5	SeqNo: 2	492005	Units: mg/ #	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	41	10	50.00	0	81.3	70	130			
Surr: DNOP		4.1		5.000		81.4	30.4	154			
Sample ID:	LCS-54670	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	LCSS	Batch	n ID: 54	670	F	RunNo: 7	1390				
Prep Date:	8/25/2020	Analysis D	ate: 8/	26/2020	S	SeqNo: 24	492006	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP		4.1		5.000		81.6	30.4	154			
Sample ID:	MB-54660	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	PBS	Batch	n ID: 54	660	F	RunNo: 7	1390				
Prep Date:	8/25/2020	Analysis D	ate: 8 /	26/2020	S	SeqNo: 2	492009	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
,		ND	10								
Diesel Range (Organics (DRO)	ND	10								
Diesel Range (ge Organics (MRO)	ND ND 8.0	50	10.00		79.6	30.4	154			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Motor Oil Range Organics (MRO)

Surr: DNOP

ND

9.6

50

10.00

2008C40

WO#:

Hall Environmer	Environmental Analysis Laboratory, Inc.								31-Aug-20	
Client: Wesco	om Inc									
Project: SBL U	Jnit 263H-6.28.2	2020 Spill								
Sample ID: MB-54670	SampTyp	e: MBLK	Tes	tCode: EPA	Method	8015M/D: Die	esel Range	e Organics		
Client ID: PBS	Batch II	D: 54670	F	RunNo: 7139	90					
Prep Date: 8/25/2020	Analysis Date	e: 8/26/2020	S	SeqNo: 2492	2010	Units: mg/K	g			
Analyte	Result	PQL SPK value	e SPK Ref Val	%REC L	owLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10								

30.4

154

96.1

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 21 of 23

Wescom Inc

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H-6.28.2020 Spill

Sample ID: Ics-54639	SampType: LCS4 TestCode: EPA Method				PA Method	8260B: Volatiles Short List				
Client ID: BatchQC	Batc	h ID: 540	639	RunNo: 71349						
Prep Date: 8/24/2020	Analysis Date: 8/25/2020			5	SeqNo: 2490368			Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.7	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.1	0.050	1.000	0	105	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		92.9	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.3	70	130			
Surr: Dibromofluoromethane	0.45		0.5000		90.6	70	130			
Surr: Toluene-d8	0.50		0.5000		100	70	130			
Sample ID: mb-54639	Samp	ype: ME	BLK	Tes	tCode: EF	PA Method	8260B: Volat	iles Short	List	
Sample ID: mb-54639 Client ID: PBS	•	「ype: ME h ID: 54 6			tCode: Ef RunNo: 7 ′		8260B: Volat	iles Short	List	
	•	h ID: 540	639	F		1349	8260B: Volat Units: mg/K		List	
Client ID: PBS	Batc	h ID: 540	639 25/2020	F	RunNo: 7	1349			List RPDLimit	Qual
Client ID: PBS Prep Date: 8/24/2020	Batc Analysis [h ID: 54 0 Date: 8 /2	639 25/2020	F	RunNo: 7' SeqNo: 24	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte	Batc Analysis I Result	h ID: 54 Date: 8 /2 PQL	639 25/2020	F	RunNo: 7' SeqNo: 24	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene	Batc Analysis [Result ND	h ID: 54 Date: 8 /2 PQL 0.025	639 25/2020	F	RunNo: 7' SeqNo: 24	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene Toluene	Batc Analysis [Result ND ND	h ID: 54(Date: 8 /2 PQL 0.025 0.050	639 25/2020	F	RunNo: 7' SeqNo: 24	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene Toluene Ethylbenzene	Batc Analysis [Result ND ND ND	h ID: 54 Date: 8 /2 0.025 0.050 0.050	639 25/2020	F	RunNo: 7' SeqNo: 24	1349 490369	Units: mg/K	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batc Analysis [Result ND ND ND ND	h ID: 54 Date: 8 /2 0.025 0.050 0.050	539 25/2020 SPK value	F	RunNo: 7 SeqNo: 2 %REC	1349 490369 LowLimit	Units: mg/K HighLimit	g		Qual
Client ID: PBS Prep Date: 8/24/2020 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4	Batc Analysis I Result ND ND ND ND 0.46	h ID: 54 Date: 8 /2 0.025 0.050 0.050	639 25/2020 SPK value 0.5000	F	RunNo: 7' SeqNo: 24 %REC 91.8	1349 490369 LowLimit	Units: mg/K HighLimit 130	g		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 range due to dilution or matrix

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

Page 22 of 23

WO#: 2008C40

31-Aug-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Page 213 o	f 262
-------------------	-------

	WO#:	2008C40
ry, Inc.		31-Aug-20

Client: Wescom Project: SBL Uni	Inc t 263H-6.2	8.2020	Spill							
Sample ID: Ics-54639	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	n ID: 54	639	F	RunNo: 7	1349				
Prep Date: 8/24/2020	Analysis D	ate: 8/	25/2020	S	SeqNo: 24	490400	Units: mg/K	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	80.4	70	130			
Surr: BFB	470		500.0		94.9	70	130			
Sample ID: mb-54639	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batch	n ID: 54	639	F	RunNo: 7	1349				
Prep Date: 8/24/2020	Analysis D	ate: 8 /	/25/2020	5	SeqNo: 24	490401	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	480		500.0		95.7	70	130			
Sample ID: 2008c40-001ams	SampT	уре: М	3	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: BH01-0'	Batch	n ID: 54	639	F	RunNo: 7	1349				
Prep Date: 8/24/2020	Analysis D	ate: 8 /	25/2020	S	SeqNo: 24	490559	Units: mg/K	۲g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.8	24.20	6.395	102	49.2	122			
Surr: BFB	470		484.0		97.1	70	130			
Sample ID: 2008c40-001amsc	I SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: BH01-0'	Batch	n ID: 54	639	F	RunNo: 7	1349				
Prep Date: 8/24/2020	Analysis D	ate: 8/	25/2020	S	SeqNo: 24	490560	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.6	22.98	6.395	91.7	49.2	122	12.5	20	
Surr: BFB										

Qualifiers:

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

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

Page 23 of 23

.

HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-3	ntal Analysis Lab 4901 Haw Albuquerque, NM 975 FAX: 505-34 s. hallenvironmen	kins NE 187109 Sarr 15-4107	Sample Log-In Check List			
Client Name: Wescom Inc	Work Order Num	ber: 2008C40		ReptNo: 1			
Received By: Juan Rojas Completed By: Juan Rojas	8/22/2020 8:50:00 8/22/2020 9:17:24		Heand G				
Reviewed By: NUMDD			, -				
Chain of Custody							
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present			
2. How was the sample delivered?		Courier					
Log in 3. Was an attempt made to cool the samples	?	Yes 🗹	No 🗌	na 🗆			
4. Were all samples received at a temperatur	e of >0° C to 6.0°C	Yes 🗹	No 🗆				
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗋				
6. Sufficient sample volume for indicated test	(\$)?	Yes 🗹	No 🗔				
7. Are samples (except VOA and ONG) prope	rly preserved?	Yes 🔽	No 🗔				
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗀			
9. Received at least 1 vial with headspace <1.	/4" for AQ VOA?	Yes 🛄	No 🗆	NA 🗹			
10. Were any sample containers received brok	ken?	Yes 🗆	No 🗹 🛛	# of preserved			
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🖌	No 🗆	bottles checked for pH: (<2 or >1	2 unless noted)		
12. Are matrices correctly identified on Chain o	f Custody?	Yes 🗹	No 🗔	Adjusted?			
13. Is it clear what analyses were requested?		Yes 🗹	No 🗆 🛛		not to		
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗆	Checked by:	. इग्रिय् १८		
Special Handling (if applicable)							
15. Was client notified of all discrepancies with) this order?	Yes 📋	No 🗆	NA 🔽			
Person Notified:	Date		<u>, </u>	_			
By Whom:	Via:	eMail	Phone 🗌 Fax	In Person			
Regarding:							
Client Instructions:			······································				
16. Additional remarks:	· · · ·			· · · · ·			

17. Cooler Information

.

Cooler N	ló Témp °C	Condition	Seal intact	Seef No	Seal Date	Signed By
1	0.4	Good				
2	0.3	Good				

Page 1 of 1

1	LABORATORY	ental.com	- Albuquerque, NM 87109	Fax 505-345-4107	Analysis Request	(‡u	ləsq S '*	Oq ,	10 ⁵ '	s (AC	-\\C 10 ²	эМ { 1, , 1 (АО)	570 (S 260 (V) F, E	ж 8 Э								×				Pa	; e	
			4901 Hawkin	Tel. 505-345			s'8 MR	Dd / 0\ }) s,(EME / DF (1)	9/S 8/S) Spi (GE	16D Dites	08:Hc 08:Hc 08 (M	E 12 12 12 12 12 12 12 12 12 12 12 12 12			XX	XX	<u> ХХ</u> ТТ		, Х Х	×, ×	× × ×	Ϋ́Υ Ι	אא	Remárks:		
طعها	ush	11 in S name at 2-1	ind none are				, ,	her to welconinc. con	este / Ash lev Garen	1. 20		-	0	<u> </u>	2001	200-	-004	2002	-006	-007	-00K	600-	2010	-110-	-00-		_	
		L L	Lini,	Project #:		Project Manager:	Shar Harveshe	Ъ	Sa,	1.1.1		Cooler Temp(melualing CF):			1										101	Received by Via:	Receiver by: Via:	
toay kecora	Inc.		andoibe Zd	NNEERZO	40			Level 4 (Full Validation)	liance			-	2	ample Name	1	لما	402. W'	H03-0'	Ho3 - 5'	Ho4- 0'	H041- 10'	H05-0'	405 - lo'	Holo - 0'	HOD I I			
nain-or-Cus	Wescom	`	Address: 1224 St	Carlsbad	Phone #: ら 7 ら 8₁	email or Fax#:	QA/QC Package:	□ Standard □		AC Dther) (Type)				2	11.00 S	S	Sm5	S	S					، کو 15.		\mathbf{T}	-
		All ENVIRONMENTAL Standard D Rush ANALYSIS LABORATORY	COID Hall ENVIRONMENTAL Astandard Rush Project Name: Analysis Project Name: Analysis	COID Hall ENVIRONMENTAL Alandard Rush Alandard Rush Project Name: ANALYSIS LABORATORY Project Name: Nuk.hallenvironmental.com Pcd SBL Unit 2.634 - 6.28-2020 Spill Pcd SBL Unit 2.634 - 6.28-2020 Spill	Notice the image of the ima	COrdHall ENVIRONMENTAL \square Standard \square Rush \square Rush \square Project Name: \square Rush \square NALYSIS LABORATORY \square Project Name: \square Num.hallenvironmental.com \square SBL Unit QL03# - (\square .28.2L020 Spith4901 Hawkins NE - Albuquerque, NM 87109 \square Project #: \square Tel. 505-345-3975Fax 505-345-4107 \square O \square Rush \square Rush	COrd Mall ENVIRONMENTAL Address Address Project Name: Analysis Request Project #: -6.28.2020 Spill Project #: -6.28.2020 Spill 22.0 Project #: Project #: -6.28.2020 Spill 22.0 Project #: Project Manager: -6.0	CORd Cord Hall ENVIRONMENTAL A Standard □ Rush ANALYSIS LABORATORY Project Name: ANALYSIS LABORATORY Project Name: www.hallenvironmental.com Z SBL Unit QL03H - (b. 28-2020 Spill Z 4901 Hawkins NE - Albuquerque, NM 87109 Z Project #: Z Project #:	COFO Male ENVIRONMENTAL About the contract name: Analysis LaboraTORY Project Manager: 109 Shor Hkirtwe&Fer Malemin(r.contex) Shor Hkirtwe&Fer Malemin(r.contex)	CORD Froject Name: Froject Name: Froject Name: Project Name: Project Name: ANALYSIS LABORATORY Project Name: NW.hallenvironmental.com Project Manager: 14901 Hawkins NE - Albuquerque, NM 87109 Project Manager: 1600 / MR NovHx/vvcMev NovHx/vvcMev NovNulton/hc.(Com Sampler: 100	COTO Male Environmental com	COTO Hall ENVIRONMENTAL Project Name: Sdart Project Name: MALYSIS LABORATORY Project Name: www.hallenvironmerital.com Project Name: www.hallenvironmerital.com Project Name: www.hallenvironmerital.com Project Name: Www.hallenvironmerital.com Project Name: New.hallenvironmerital.com Project Name: New.hallenvironmerital.com Project #: Tel. 505-345-3975 Project #: Tel. 505-345-900 Prove P	COTO Hall ENVIRONMENTAL All Standard Rush Project Name: All Standard Project Name: All Not Nexton Not Not Not Nexton Not Not Nexton Project Name: All Not Nexton Not No Not Nexton	COTO Male Fundard Rush Project Name: Project Name: AMALYSIS LABORATORY Project Name: Num.hallenvironmental.com Project Name: Num.hallenvironmental.com Project Name: Num.hallenvironmental.com Project Name: SpL Unit QL03H - \u03e8 , 28, 2020 Spill Project Name: Num.hallenvironmental.com Project Name: Num.hallenvironmental.com Project H - Project	COTO Malt Environmental control Project Name: Add YSIS Laboratory Project Manager: Add YSIS Laboratory Project Manager: Add YSIS Laboratory Project Manager: Add YSIS Request Add YSIS Request Add YSIS Request Add YSIS Request<	COOD Malt Environmentation All Lenvironmentation All Lenvironmentation Project Name Austronmentation Project Rime Austronmentation Bio Project Rime<	COOD Malt Environmental.com All Vision Standard Rush Project Name: All Vision Standard Project Manager: All Vision Standard	COOD Malt Signad Project Name: Anal VSIS Laboratory Project Name: Standard Project Name: Anal VSIS Laboratory Now Harveyter Now Harveyter Now Harveyter Analysis Returns Project Maneger: Analysis Returns Now Harveyter Now Harveyter Now Harveyter Maltation Sampler: Analysis Returns Discret #: Analysis Returns Project #: Analysis Returns Project #: Analysis Returns Discret #: Analysis Returns Discret #: Analysis Returns Project #: Analysis Returns Discret #: Analysis Returns <td< td=""><td>COOD MALYSIS LABORATORY Project Name: Project Name: Project Name: MALYSIS LABORATORY Project Manager: Stantary Project Manager: Malthunit: Malthunit: Project Manager: Stantary Malthunit Project Manager:</td><td>COID Particular Full FULL HALL ENVIRONMENTAL Analysis Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Spar Provide Nultonnih Project Name Project Name Project Name Project Name Spar Provide Nulton Nih Project Name Project Name Project Name Project Name Show Maintaiton Show Name Name Project Name Show Native Show Name Show Name Show Name Name Show Name Show Name Show Name Show Name Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Sample: Show Name Show Name</td><td>COID Participation Flatt Environmental com Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Nov Mallenvironmental com Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spill Nov Mallenvironmental com Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spill Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name ShL Unit 3 Lo3H - 6. 38. 7 Project Name Project Name ShL Unit 3 Lo3H - 6. 38. 7 Project Name ShL Unit 2 Lo3H - 6. 38. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 6. 38. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 7. 6. 47. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 7. 6. 47. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 6. 7 ShL Unit 3 Lo3H - 7 ShL Unit 3 Lo3H - 7 ShL Unit 2 Lo3H - 7 ShL Unit 2 Lo3H - 7 ShL Unit 3 Lo3H - 7</td><td>COLO Mall FUL ENVIRONMENTAL Project Name: Anal YSIS LaBORATORY Project Name: Project Name: Project Name: Project Name: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Analysis Ratues Mark Properties Markins NE Project Manager: Analysis Ratues Mark Properties Project Mark Properties Mark Properis Prof Colorer</td><td>Cord Project Manager: Alal FENVIRONMENTAL Project Name: Fragest Name: Anal YSIS LABORATORY Project Manager: Fragest Name: Anal YSIS LABORATORY Project Manager: Project Manager: Anal YSIS Retrest Project Manager: Sampler: Dav. Mathematic. Anal YSIS Retrest Onlice: Sampler: Dav. Mathematic. Anal YSIS Retrest Onlice: Anal YSIS Retrest Anal YSIS Retrest Onlice: Anal YSIS Retrest Anal YSIS Retrest Cooler Temporder (%, UV.O.D.) Project Manager: Anal YSIS Retrest Onlice: Container Preservatue Project Manager: Onlice: Anal YSIS Ret</td><td>Cord Imale Environmentation Project Name All LENVIRONMENTAL Project Name Anal VSIS LABORATORY Project Name Anal VSIS Laboration Sampler: Data Volution Sampler: Data Volution Container Presenvature Anal VSI Laboration Container Presenvature Anal VSI Laboration Container Presenvature Anal VSI Laboration Contige: Anal VSI Laboration <</td><td>COID MALYSIS LABORATORY ANALYSIS LABORATORY ANALYSIS LABORATORY Availation Project Name Project Name ANALYSIS LABORATORY Www.hallenvironmentation ANALYSIS LABORATORY Project Name Name Project Name Project Name Project Name Analysis Request Project Name Analysis Request Project Name Project Name Sampler: Project Name Program Sampler: Project Name Program Sampler: Program Program Program Protecon Conton <t< td=""><td>Cold Hall ENVIRONMENTAL All VSIS LaBORATORY All VSIS LaBORATORY Wurklahmen Kunder Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: Num. Hallenvironmentation Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: Sport: Project Name: Sport: Project Name: Sport: Don Horizon Sport: Don Horizon Sport: Sameher: Sport: Don Horizon Strong (Bord Social) Sameher: Sport: Don Horizon Strong (Bord Social) Sameher: Sport: Don Horizon Strong (Bord Social) Don Horizon Strong (Bord Social) Don Horizon Strong (Social (CRA & Metals) Don Horizon Strong (Social (CRA & Metals) Don Horizon Strong (Social (CRA &</td><td>COLO Mall Environmental.com Particului Intern Anal VSIS LaBORATORY Washington SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Mannes Mall VSIS LaBORATORY Project Mannes Mall VSIS LaBORATORY Project Mannes SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Manneses SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Manneses SBC Unit J.G.3H - 6. 38. Jucgo Sprit Project Manneses Saver Introvablar - Router Manneses Project Manneses Saver Introvablar - Router Sprit Saver Introvablar - Router Sprit Sampler Distribution Saver Introvablar - Router Sprit Distribution Sampler Distribution Project Manneses Distribution Distribution Distribution</td></t<></td></td<> <td>Сола Нац Епитиолинист Закинон Нац Environmentation Point Internation 201 1011 3103 1013 1013 Point Internation 201 1011 3103 1013 1013 1013 Point Internation 201 1011 3103 1013 1013 1013 Point Internation 201 1016 1013 1013 1013 1013 Point Internation 201 1016 201 1013 1013 1013 Point Internation 201 201 201 201 201 201 Point Internation 2010 2011 2010 2011 2010 2011 Point Internation 2010 2011 2010 2011 2010 2011 Point Internation 2010 2011 2010 2011 2010 2011 Point Internation 2010 2010 2010 2010 2010 2010 2010 Pointer 2010</td>	COOD MALYSIS LABORATORY Project Name: Project Name: Project Name: MALYSIS LABORATORY Project Manager: Stantary Project Manager: Malthunit: Malthunit: Project Manager: Stantary Malthunit Project Manager:	COID Particular Full FULL HALL ENVIRONMENTAL Analysis Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Spar Provide Nultonnih Project Name Project Name Project Name Project Name Spar Provide Nulton Nih Project Name Project Name Project Name Project Name Show Maintaiton Show Name Name Project Name Show Native Show Name Show Name Show Name Name Show Name Show Name Show Name Show Name Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Show Name Sample: Show Name Show Name	COID Participation Flatt Environmental com Project Name Project Name Project Name Project Name Project Name Project Name Project Name Project Name Nov Mallenvironmental com Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spill Nov Mallenvironmental com Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spill Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name SpL Unit 3 Lo3H - 6. 38. 3udo Spl 10 Project Name Project Name ShL Unit 3 Lo3H - 6. 38. 7 Project Name Project Name ShL Unit 3 Lo3H - 6. 38. 7 Project Name ShL Unit 2 Lo3H - 6. 38. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 6. 38. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 7. 6. 47. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 7. 6. 47. 7 ShL Unit 3 Lo3H - 6. 41. 7 Project Name ShL Unit 2 Lo3H - 6. 7 ShL Unit 3 Lo3H - 7 ShL Unit 3 Lo3H - 7 ShL Unit 2 Lo3H - 7 ShL Unit 2 Lo3H - 7 ShL Unit 3 Lo3H - 7	COLO Mall FUL ENVIRONMENTAL Project Name: Anal YSIS LaBORATORY Project Name: Project Name: Project Name: Project Name: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Analysis Ratues Mark Properties Markins NE Project Manager: Analysis Ratues Mark Properties Project Mark Properties Mark Properis Prof Colorer	Cord Project Manager: Alal FENVIRONMENTAL Project Name: Fragest Name: Anal YSIS LABORATORY Project Manager: Fragest Name: Anal YSIS LABORATORY Project Manager: Project Manager: Anal YSIS Retrest Project Manager: Sampler: Dav. Mathematic. Anal YSIS Retrest Onlice: Sampler: Dav. Mathematic. Anal YSIS Retrest Onlice: Anal YSIS Retrest Anal YSIS Retrest Onlice: Anal YSIS Retrest Anal YSIS Retrest Cooler Temporder (%, UV.O.D.) Project Manager: Anal YSIS Retrest Onlice: Container Preservatue Project Manager: Onlice: Anal YSIS Ret	Cord Imale Environmentation Project Name All LENVIRONMENTAL Project Name Anal VSIS LABORATORY Project Name Anal VSIS Laboration Sampler: Data Volution Sampler: Data Volution Container Presenvature Anal VSI Laboration Container Presenvature Anal VSI Laboration Container Presenvature Anal VSI Laboration Contige: Anal VSI Laboration <	COID MALYSIS LABORATORY ANALYSIS LABORATORY ANALYSIS LABORATORY Availation Project Name Project Name ANALYSIS LABORATORY Www.hallenvironmentation ANALYSIS LABORATORY Project Name Name Project Name Project Name Project Name Analysis Request Project Name Analysis Request Project Name Project Name Sampler: Project Name Program Sampler: Project Name Program Sampler: Program Program Program Protecon Conton <t< td=""><td>Cold Hall ENVIRONMENTAL All VSIS LaBORATORY All VSIS LaBORATORY Wurklahmen Kunder Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: Num. Hallenvironmentation Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: Sport: Project Name: Sport: Project Name: Sport: Don Horizon Sport: Don Horizon Sport: Sameher: Sport: Don Horizon Strong (Bord Social) Sameher: Sport: Don Horizon Strong (Bord Social) Sameher: Sport: Don Horizon Strong (Bord Social) Don Horizon Strong (Bord Social) Don Horizon Strong (Social (CRA & Metals) Don Horizon Strong (Social (CRA & Metals) Don Horizon Strong (Social (CRA &</td><td>COLO Mall Environmental.com Particului Intern Anal VSIS LaBORATORY Washington SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Mannes Mall VSIS LaBORATORY Project Mannes Mall VSIS LaBORATORY Project Mannes SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Manneses SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Manneses SBC Unit J.G.3H - 6. 38. Jucgo Sprit Project Manneses Saver Introvablar - Router Manneses Project Manneses Saver Introvablar - Router Sprit Saver Introvablar - Router Sprit Sampler Distribution Saver Introvablar - Router Sprit Distribution Sampler Distribution Project Manneses Distribution Distribution Distribution</td></t<>	Cold Hall ENVIRONMENTAL All VSIS LaBORATORY All VSIS LaBORATORY Wurklahmen Kunder Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: Num. Hallenvironmentation Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: SBL Unit 3.0.3H - & .38 . 3.0.30 Sprit Project Name: Sport: Project Name: Sport: Project Name: Sport: Don Horizon Sport: Don Horizon Sport: Sameher: Sport: Don Horizon Strong (Bord Social) Sameher: Sport: Don Horizon Strong (Bord Social) Sameher: Sport: Don Horizon Strong (Bord Social) Don Horizon Strong (Bord Social) Don Horizon Strong (Social (CRA & Metals) Don Horizon Strong (Social (CRA & Metals) Don Horizon Strong (Social (CRA &	COLO Mall Environmental.com Particului Intern Anal VSIS LaBORATORY Washington SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Mannes Mall VSIS LaBORATORY Project Mannes Mall VSIS LaBORATORY Project Mannes SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Manneses SBL Unit J.J.C.3H - 6. 38. Jucgo Sprit Project Manneses SBC Unit J.G.3H - 6. 38. Jucgo Sprit Project Manneses Saver Introvablar - Router Manneses Project Manneses Saver Introvablar - Router Sprit Saver Introvablar - Router Sprit Sampler Distribution Saver Introvablar - Router Sprit Distribution Sampler Distribution Project Manneses Distribution Distribution Distribution	Сола Нац Епитиолинист Закинон Нац Environmentation Point Internation 201 1011 3103 1013 1013 Point Internation 201 1011 3103 1013 1013 1013 Point Internation 201 1011 3103 1013 1013 1013 Point Internation 201 1016 1013 1013 1013 1013 Point Internation 201 1016 201 1013 1013 1013 Point Internation 201 201 201 201 201 201 Point Internation 2010 2011 2010 2011 2010 2011 Point Internation 2010 2011 2010 2011 2010 2011 Point Internation 2010 2011 2010 2011 2010 2011 Point Internation 2010 2010 2010 2010 2010 2010 2010 Pointer 2010

•_..

<i>Received by OCD: 8/12/2021 3</i>	:43:43 AM				Page 216 of 262
→ 2					
2 5					
zĚ					
					alytics
A 87 A 87 A 87					
	Total Coliform (Present/Absent)				
NVIRONN SIS LABOI <i>d</i> ironmental.com ouquerque, NM 87 Fax 505-345-4107 ysis Request	(AOV-ime2) 0728				
IS. IS.	(AOV) 0928			╉┥╏╏╏	
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	C) L' BL' NO ³ ' NO ³ ' LO ⁴ ' 20 ⁴				
Ar Ar	RCRA 8 Metals				tat w
HALL ANAL www.hal kins NE - 345-3975	PAHs by 8310 or 8270SIMS			┨╎╍╊╺╊╼╬╼┅╎	
HALL ANAL www.he 4901 Hawkins NE Tel. 505-345-3975	EDB (Method 504.1)			┫┈┼┼┟┼┟┼	S: Any sub-contracted data will be clearly notated on the analytical report.
200 H ■ □ □ ■	8'80'9 7808'89biolize4 1'808				
Tel.					
	BTEX) MTBE / TMB's (8021)				Remarks:
		\mathbf{r}			
6.28.2020 5 fill	· · · · · · · · · · · · · · · · · · ·	ind.			Pate Time Pate Time Pate Time Date Time Bate Time Serves as notice of this possibility.
28.21	Der Com	10			time s notice s notice
6 58		101-	-012		Atte Atte Date 172/70
N e -	2 0.0500 2 0.0500 2 0.0500 0.150				
5 day Rush 63 H - (┨┉╉┥╞╋╋	
me: 5d 	Harvester rvester <u>Jryes</u> Preservative Type				
	vrstv. vrstv.		┝╌┟╌╂╸		Via: Via: O C v _i C v adited laborat
und Tin lane: Unit	<u>}</u>				
	Project Manager: Shar Harvester Jucscomine. Smapler Shar Harvester John Conne. Container: 2 0.4-0.4 (°C) Cooler Tempinebuing cri. 0.4-0.4 (°C)	7			
Turn-Arou Ry Stand Project Ni S & C Project #:	Project Mar Shar. He Shar. He Sampler S On Icas and ten Cooler Ten Container	ar	┝╼╌┼╾╌┼╼	╶┼╼┥╎╽║║	Received by
	Pro San Coc Coc Coc	1			Received
					subc
<u>פ</u> ן אַ אַ					
004 00	u sili			9-1	
y Recc 8220 3940					
V AX		rt »	677		
10- 8-01		80H8	6 H 09 1600	togg	
F-Custody m Inc. 22 4 Stan N. M. 88		5407 5408	8 8 0	ŭ 4 1	elinquisting dur elinquisting dur elinquisting dur MMMM M. A. A.
	Az Col Other Matrix				
Chain-of-Custody Record ^t [J] 550 Inc. ^{19 Address.} 122 4 Stand pipe 1 -15 bad, N.M. 88320 e#. 575-840-3940	Matrix Matrix	\mathcal{S}		1 N N	Time: Realinguished by: Ime: Received by: Ime: <td< td=""></td<>
			00:5		
	Time	15:00 15:00	12.20		
Chain-of-Custody I Client: [1] C5 Cam Inc. Mailing Address: 172 4 Stand arls bad, N.M. 88 Phone #. 575-840-36	이 안 빤 흘 뛰어				
Taken and the second se	CACCE CACE CACCE CACCE CACCE C	<u>8 20</u> 8 20	8/20	8120	Pate Date Date Date

•

.

.

•



October 28, 2020 Shar Harvester WESCOM INC 1907 San Jose Blvd Carlsbad, NM 88220 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

OrderNo.: 2010951

RE: SBL Unit 263H 6 28 2020 Spill

Dear Shar Harvester:

Hall Environmental Analysis Laboratory received 26 sample(s) on 10/21/2020 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,

andia

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 0' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:30:00 AM Lab ID: 2010951-001 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF Analyses **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) 12 9.6 mg/Kg 1 10/21/2020 12:19:26 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/21/2020 12:19:26 PM Surr: DNOP 102 30.4-154 %Rec 1 10/21/2020 12:19:26 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 3:17:29 PM 3.6 mg/Kg 1 Surr: BFB 97.3 75.3-105 %Rec 1 10/21/2020 3:17:29 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.018 mg/Kg 10/21/2020 3:17:29 PM 1 Toluene ND 0.036 mg/Kg 1 10/21/2020 3:17:29 PM Ethylbenzene ND 0.036 mg/Kg 1 10/21/2020 3:17:29 PM Xylenes, Total ND 0.072 mg/Kg 1 10/21/2020 3:17:29 PM %Rec Surr: 4-Bromofluorobenzene 102 80-120 1 10/21/2020 3:17:29 PM EPA METHOD 300.0: ANIONS Analyst: JMT Chloride 10/21/2020 7:45:09 PM 100 60 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 1 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 1' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:32:00 AM Lab ID: 2010951-002 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.0 mg/Kg 1 10/22/2020 2:40:41 PM Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 10/22/2020 2:40:41 PM Surr: DNOP 121 %Rec 1 10/22/2020 2:40:41 PM 30.4-154 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 4:28:18 PM 4.0 mg/Kg 1 Surr: BFB 96.1 75.3-105 %Rec 1 10/21/2020 4:28:18 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.020 mg/Kg 10/21/2020 4:28:18 PM 1 Toluene ND 0.040 mg/Kg 1 10/21/2020 4:28:18 PM Ethylbenzene ND 0.040 mg/Kg 1 10/21/2020 4:28:18 PM Xylenes, Total ND 0.080 mg/Kg 1 10/21/2020 4:28:18 PM %Rec Surr: 4-Bromofluorobenzene 101 80-120 1 10/21/2020 4:28:18 PM EPA METHOD 300.0: ANIONS Analyst: CAS Chloride 10/23/2020 1:32:37 PM 97 60 mg/Kg 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 Н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 2 of 35

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

10/21/2020 5:39:12 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 2' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:35:00 AM Lab ID: 2010951-003 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF Analyses **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 10/22/2020 2:50:26 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/22/2020 2:50:26 PM Surr: DNOP 30.4-154 %Rec 1 10/22/2020 2:50:26 PM 115 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 5:39:12 PM 4.2 mg/Kg 1 Surr: BFB 94.3 75.3-105 %Rec 1 10/21/2020 5:39:12 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.021 mg/Kg 10/21/2020 5:39:12 PM 1 Toluene ND 0.042 mg/Kg 1 10/21/2020 5:39:12 PM Ethylbenzene ND 0.042 mg/Kg 1 10/21/2020 5:39:12 PM Xylenes, Total ND 0.084 mg/Kg 1 10/21/2020 5:39:12 PM

EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	140	60	mg/Kg	20	10/23/2020 1:45:02 PM

80-120

98.2

%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
- Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 3 of 35

Date Reported: 10/28/2020

10/22/2020 9:34:24 AM

10/23/2020 12:16:22 AM

Analyst: CAS

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 3' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:38:00 AM Lab ID: 2010951-004 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF Analyses **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.7 mg/Kg 1 10/22/2020 10:45:05 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/22/2020 10:45:05 AM Surr: DNOP 116 %Rec 1 10/22/2020 10:45:05 AM 30.4-154 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 9:34:24 AM 5.0 mg/Kg 1 Surr: BFB 96.0 75.3-105 %Rec 1 10/22/2020 9:34:24 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 10/22/2020 9:34:24 AM 1 Toluene ND 0.050 mg/Kg 1 10/22/2020 9:34:24 AM Ethylbenzene ND 0.050 mg/Kg 1 10/22/2020 9:34:24 AM Xylenes, Total ND 0.10 mg/Kg 1 10/22/2020 9:34:24 AM

99.4

74

80-120

60

Chloride

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits

%Rec

mg/Kg

1

20

- Р Sample pH Not In Range
- Reporting Limit RL

Page 4 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 4' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:45:00 AM Lab ID: 2010951-005 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF Analyses **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.2 mg/Kg 1 10/22/2020 10:54:46 AM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/22/2020 10:54:46 AM Surr: DNOP 141 30.4-154 %Rec 1 10/22/2020 10:54:46 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 10:45:34 AM 4.8 mg/Kg 1 Surr: BFB 98.1 75.3-105 %Rec 1 10/22/2020 10:45:34 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 10:45:34 AM 1 Toluene ND 0.048 mg/Kg 1 10/22/2020 10:45:34 AM Ethylbenzene ND 0.048 mg/Kg 1 10/22/2020 10:45:34 AM Xylenes, Total ND 0.097 mg/Kg 1 10/22/2020 10:45:34 AM %Rec Surr: 4-Bromofluorobenzene 102 80-120 1 10/22/2020 10:45:34 AM EPA METHOD 300.0: ANIONS Analyst: CAS Chloride 10/23/2020 12:53:35 AM 66 60 mg/Kg 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 Н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 5 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 5' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:50:00 AM Lab ID: 2010951-006 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF Analyses **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 10/22/2020 11:04:29 AM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/22/2020 11:04:29 AM Surr: DNOP 97.7 30.4-154 %Rec 1 10/22/2020 11:04:29 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 11:57:00 AM 4.7 mg/Kg 1 Surr: BFB 96.9 75.3-105 %Rec 1 10/22/2020 11:57:00 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.023 mg/Kg 10/22/2020 11:57:00 AM 1 Toluene ND 0.047 mg/Kg 1 10/22/2020 11:57:00 AM Ethylbenzene ND 0.047 mg/Kg 1 10/22/2020 11:57:00 AM Xylenes, Total ND 0.094 mg/Kg 1 10/22/2020 11:57:00 AM %Rec Surr: 4-Bromofluorobenzene 101 80-120 1 10/22/2020 11:57:00 AM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 1:30:49 AM 110 60 mg/Kg 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 Н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 6 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 6' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 9:55:00 AM Lab ID: 2010951-007 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF Analyses **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 10/22/2020 11:14:11 AM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/22/2020 11:14:11 AM Surr: DNOP 105 30.4-154 %Rec 1 10/22/2020 11:14:11 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 12:20:44 PM 4.8 mg/Kg 1 Surr: BFB 96.6 75.3-105 %Rec 1 10/22/2020 12:20:44 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 12:20:44 PM 1 Toluene ND 0.048 mg/Kg 1 10/22/2020 12:20:44 PM Ethylbenzene ND 0.048 mg/Kg 1 10/22/2020 12:20:44 PM Xylenes, Total ND 0.097 mg/Kg 1 10/22/2020 12:20:44 PM %Rec Surr: 4-Bromofluorobenzene 101 80-120 1 10/22/2020 12:20:44 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 1:43:13 AM 150 60 mg/Kg 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
- D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 7 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 7' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 10:00:00 AM Lab ID: 2010951-008 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF Analyses **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.2 mg/Kg 1 10/22/2020 11:23:56 AM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/22/2020 11:23:56 AM Surr: DNOP 121 30.4-154 %Rec 1 10/22/2020 11:23:56 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 12:44:27 PM 4.8 mg/Kg 1 Surr: BFB 95.4 75.3-105 %Rec 1 10/22/2020 12:44:27 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 12:44:27 PM 1 Toluene ND 0.048 mg/Kg 1 10/22/2020 12:44:27 PM Ethylbenzene ND 0.048 mg/Kg 1 10/22/2020 12:44:27 PM Xylenes, Total ND 0.095 mg/Kg 1 10/22/2020 12:44:27 PM %Rec Surr: 4-Bromofluorobenzene 99.3 80-120 1 10/22/2020 12:44:27 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 1:55:38 AM 110 60 mg/Kg 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 Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 8 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH01 8 **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 10:05:00 AM Lab ID: 2010951-009 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 10/22/2020 11:33:41 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/22/2020 11:33:41 AM Surr: DNOP 107 30.4-154 %Rec 1 10/22/2020 11:33:41 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 1:08:13 PM 4.9 mg/Kg 1 Surr: BFB 96.3 75.3-105 %Rec 1 10/22/2020 1:08:13 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 1:08:13 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 1:08:13 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 1:08:13 PM Xylenes, Total ND 0.097 mg/Kg 1 10/22/2020 1:08:13 PM %Rec Surr: 4-Bromofluorobenzene 100 80-120 1 10/22/2020 1:08:13 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 2:32:52 AM 70 61 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 9 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 0' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:38:00 AM Lab ID: 2010951-010 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.9 mg/Kg 1 10/21/2020 12:43:38 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/21/2020 12:43:38 PM Surr: DNOP 99.0 %Rec 1 10/21/2020 12:43:38 PM 30.4-154 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 6:02:34 PM 4.3 mg/Kg 1 Surr: BFB 95.8 75.3-105 %Rec 1 10/21/2020 6:02:34 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.021 mg/Kg 10/21/2020 6:02:34 PM 1 Toluene ND 0.043 mg/Kg 1 10/21/2020 6:02:34 PM Ethylbenzene ND 0.043 mg/Kg 1 10/21/2020 6:02:34 PM Xylenes, Total ND 0.086 mg/Kg 1 10/21/2020 6:02:34 PM %Rec Surr: 4-Bromofluorobenzene 99.5 80-120 1 10/21/2020 6:02:34 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 10/21/2020 7:57:29 PM 510 59 mg/Kg 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 Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 10 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 1' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:40:00 AM Lab ID: 2010951-011 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 8.6 mg/Kg 1 10/22/2020 3:00:10 PM Motor Oil Range Organics (MRO) ND 43 mg/Kg 1 10/22/2020 3:00:10 PM Surr: DNOP 137 30.4-154 %Rec 1 10/22/2020 3:00:10 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 6:25:59 PM 3.8 mg/Kg 1 Surr: BFB 94.0 75.3-105 %Rec 1 10/21/2020 6:25:59 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.019 mg/Kg 10/21/2020 6:25:59 PM 1 Toluene ND 0.038 mg/Kg 1 10/21/2020 6:25:59 PM Ethylbenzene ND 0.038 mg/Kg 1 10/21/2020 6:25:59 PM Xylenes, Total ND 0.075 mg/Kg 1 10/21/2020 6:25:59 PM %Rec Surr: 4-Bromofluorobenzene 99.2 80-120 1 10/21/2020 6:25:59 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 1:57:26 PM 400 61 mg/Kg 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 Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 11 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 2' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:44:00 AM Lab ID: 2010951-012 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.6 mg/Kg 1 10/22/2020 3:09:59 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/22/2020 3:09:59 PM Surr: DNOP 101 30.4-154 %Rec 1 10/22/2020 3:09:59 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 6:49:25 PM 4.1 mg/Kg 1 Surr: BFB 95.4 75.3-105 %Rec 1 10/21/2020 6:49:25 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.021 mg/Kg 10/21/2020 6:49:25 PM 1 Toluene ND 0.041 mg/Kg 1 10/21/2020 6:49:25 PM Ethylbenzene ND 0.041 mg/Kg 1 10/21/2020 6:49:25 PM Xylenes, Total ND 0.083 mg/Kg 1 10/21/2020 6:49:25 PM %Rec Surr: 4-Bromofluorobenzene 99.6 80-120 1 10/21/2020 6:49:25 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 2:09:51 PM 320 60 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 12 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 3' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:46:00 AM Lab ID: 2010951-013 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.6 mg/Kg 1 10/22/2020 11:43:27 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/22/2020 11:43:27 AM Surr: DNOP 120 30.4-154 %Rec 1 10/22/2020 11:43:27 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 1:31:56 PM 4.9 mg/Kg 1 Surr: BFB 95.5 75.3-105 %Rec 1 10/22/2020 1:31:56 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 10/22/2020 1:31:56 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 1:31:56 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 1:31:56 PM Xylenes, Total ND 0.098 mg/Kg 1 10/22/2020 1:31:56 PM %Rec Surr: 4-Bromofluorobenzene 101 80-120 1 10/22/2020 1:31:56 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 2:45:17 AM ND 59 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 13 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 4' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:48:00 AM Lab ID: 2010951-014 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.5 mg/Kg 1 10/22/2020 11:53:12 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/22/2020 11:53:12 AM Surr: DNOP 30.4-154 %Rec 1 10/22/2020 11:53:12 AM 118 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 1:55:42 PM 4.8 mg/Kg 1 Surr: BFB 95.8 75.3-105 %Rec 1 10/22/2020 1:55:42 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 1:55:42 PM 1 Toluene ND 0.048 mg/Kg 1 10/22/2020 1:55:42 PM Ethylbenzene ND 0.048 mg/Kg 1 10/22/2020 1:55:42 PM Xylenes, Total ND 0.096 mg/Kg 1 10/22/2020 1:55:42 PM %Rec Surr: 4-Bromofluorobenzene 99.6 80-120 1 10/22/2020 1:55:42 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 2:57:41 AM ND 61 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 14 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 5' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:53:00 AM Lab ID: 2010951-015 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.5 mg/Kg 1 10/22/2020 12:03:01 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/22/2020 12:03:01 PM Surr: DNOP 110 30.4-154 %Rec 1 10/22/2020 12:03:01 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 2:19:32 PM 4.9 mg/Kg 1 Surr: BFB 94.4 75.3-105 %Rec 1 10/22/2020 2:19:32 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 2:19:32 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 2:19:32 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 2:19:32 PM Xylenes, Total ND 0.097 mg/Kg 1 10/22/2020 2:19:32 PM %Rec Surr: 4-Bromofluorobenzene 98.3 80-120 1 10/22/2020 2:19:32 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/22/2020 10:37:06 PM ND 59 mg/Kg 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
- Н
- Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 15 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 6' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:55:00 AM Lab ID: 2010951-016 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 10/22/2020 12:12:49 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/22/2020 12:12:49 PM Surr: DNOP 94.5 30.4-154 %Rec 1 10/22/2020 12:12:49 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 2:43:07 PM 4.7 mg/Kg 1 Surr: BFB 98.2 75.3-105 %Rec 1 10/22/2020 2:43:07 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 2:43:07 PM 1 Toluene ND 0.047 mg/Kg 1 10/22/2020 2:43:07 PM Ethylbenzene ND 0.047 mg/Kg 1 10/22/2020 2:43:07 PM Xylenes, Total ND 0.095 mg/Kg 1 10/22/2020 2:43:07 PM %Rec Surr: 4-Bromofluorobenzene 104 80-120 1 10/22/2020 2:43:07 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/22/2020 10:49:30 PM ND 60 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 16 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH03 7' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 12:10:00 PM Lab ID: 2010951-017 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.1 mg/Kg 1 10/22/2020 12:22:36 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/22/2020 12:22:36 PM Surr: DNOP 101 30.4-154 %Rec 1 10/22/2020 12:22:36 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 3:53:46 PM 4.9 mg/Kg 1 Surr: BFB 98.7 75.3-105 %Rec 1 10/22/2020 3:53:46 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 10/22/2020 3:53:46 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 3:53:46 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 3:53:46 PM Xylenes, Total ND 0.099 mg/Kg 1 10/22/2020 3:53:46 PM %Rec Surr: 4-Bromofluorobenzene 103 80-120 1 10/22/2020 3:53:46 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/22/2020 11:01:55 PM ND 60 mg/Kg 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
- D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 17 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 0' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 10:48:00 AM Lab ID: 2010951-018 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) 12 9.6 mg/Kg 1 10/21/2020 1:07:46 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/21/2020 1:07:46 PM Surr: DNOP 101 30.4-154 %Rec 1 10/21/2020 1:07:46 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 7:12:51 PM 3.7 mg/Kg 1 Surr: BFB 94.8 75.3-105 %Rec 1 10/21/2020 7:12:51 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.019 mg/Kg 10/21/2020 7:12:51 PM 1 Toluene ND 0.037 mg/Kg 1 10/21/2020 7:12:51 PM Ethylbenzene ND 0.037 mg/Kg 1 10/21/2020 7:12:51 PM Xylenes, Total ND 0.074 mg/Kg 1 10/21/2020 7:12:51 PM %Rec Surr: 4-Bromofluorobenzene 99.4 80-120 1 10/21/2020 7:12:51 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 10/21/2020 8:34:30 PM 650 60 mg/Kg 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
- D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 18 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 1' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 10:50:00 AM Lab ID: 2010951-019 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.1 mg/Kg 1 10/22/2020 3:19:42 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/22/2020 3:19:42 PM Surr: DNOP 120 30.4-154 %Rec 1 10/22/2020 3:19:42 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2020 7:36:15 PM 4.1 mg/Kg 1 Surr: BFB 98.2 75.3-105 %Rec 1 10/21/2020 7:36:15 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.020 mg/Kg 10/21/2020 7:36:15 PM 1 Toluene ND 0.041 mg/Kg 1 10/21/2020 7:36:15 PM Ethylbenzene ND 0.041 mg/Kg 1 10/21/2020 7:36:15 PM Xylenes, Total ND 0.082 mg/Kg 1 10/21/2020 7:36:15 PM %Rec Surr: 4-Bromofluorobenzene 103 80-120 1 10/21/2020 7:36:15 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 2:47:04 PM

93

59

mg/Kg

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 19 of 35

CLIENT: WESCOM INC

Project: SBL Unit 263H 6 28 2020 Spill

Analytical Report Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH04 2' Collection Date: 10/20/2020 10:51:00 AM Received Date: 10/21/2020 8:00:00 AM

Lab ID: 2010951-020	Matrix: SOIL	Recei	ived Date:	10/21/	2020 8:00:00 AM
Analyses	Result	RL Qua	ıl Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	10/22/2020 3:29:24 PM
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/22/2020 3:29:24 PM
Surr: DNOP	103	30.4-154	%Rec	1	10/22/2020 3:29:24 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	10/21/2020 7:59:39 PM
Surr: BFB	98.0	75.3-105	%Rec	1	10/21/2020 7:59:39 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.019	mg/Kg	1	10/21/2020 7:59:39 PM
Toluene	ND	0.039	mg/Kg	1	10/21/2020 7:59:39 PM
Ethylbenzene	ND	0.039	mg/Kg	1	10/21/2020 7:59:39 PM
Xylenes, Total	ND	0.078	mg/Kg	1	10/21/2020 7:59:39 PM
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	10/21/2020 7:59:39 PM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	87	60	mg/Kg	20	10/23/2020 2:59:29 PM

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

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

Page 20 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 3' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 10:52:00 AM Lab ID: 2010951-021 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.3 mg/Kg 1 10/22/2020 12:32:34 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/22/2020 12:32:34 PM Surr: DNOP 83.7 30.4-154 %Rec 1 10/22/2020 12:32:34 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 4:17:11 PM 4.7 mg/Kg 1 Surr: BFB 96.3 75.3-105 %Rec 1 10/22/2020 4:17:11 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 4:17:11 PM 1 Toluene ND 0.047 mg/Kg 1 10/22/2020 4:17:11 PM Ethylbenzene ND 0.047 mg/Kg 1 10/22/2020 4:17:11 PM Xylenes, Total ND 0.095 mg/Kg 1 10/22/2020 4:17:11 PM %Rec Surr: 4-Bromofluorobenzene 101 80-120 1 10/22/2020 4:17:11 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/22/2020 11:14:19 PM ND 60 mg/Kg 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 Н
- Holding times for preparation or analysis exceeded ND
- Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 21 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 4' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 10:56:00 AM Lab ID: 2010951-022 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.9 mg/Kg 1 10/22/2020 12:42:32 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/22/2020 12:42:32 PM Surr: DNOP 88.7 30.4-154 %Rec 1 10/22/2020 12:42:32 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 4:40:37 PM 4.9 mg/Kg 1 Surr: BFB 97.7 75.3-105 %Rec 1 10/22/2020 4:40:37 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 4:40:37 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 4:40:37 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 4:40:37 PM Xylenes, Total ND 0.098 mg/Kg 1 10/22/2020 4:40:37 PM %Rec Surr: 4-Bromofluorobenzene 102 80-120 1 10/22/2020 4:40:37 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/22/2020 11:26:43 PM ND 60 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 22 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 5' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:07:00 AM Lab ID: 2010951-023 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 8.9 mg/Kg 1 10/22/2020 1:21:56 PM Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 10/22/2020 1:21:56 PM Surr: DNOP 107 30.4-154 %Rec 1 10/22/2020 1:21:56 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 5:04:02 PM 4.9 mg/Kg 1 Surr: BFB 95.8 75.3-105 %Rec 1 10/22/2020 5:04:02 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 10/22/2020 5:04:02 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 5:04:02 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 5:04:02 PM Xylenes, Total ND 0.098 mg/Kg 1 10/22/2020 5:04:02 PM %Rec Surr: 4-Bromofluorobenzene 101 80-120 1 10/22/2020 5:04:02 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 12:03:57 AM ND 59 mg/Kg 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
- S % Recovery outside of range due to dilution or matrix

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

Page 23 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 6' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:09:00 AM Lab ID: 2010951-024 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.2 mg/Kg 1 10/22/2020 1:31:48 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/22/2020 1:31:48 PM Surr: DNOP 84.6 30.4-154 %Rec 1 10/22/2020 1:31:48 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 5:27:37 PM 4.9 mg/Kg 1 Surr: BFB 96.0 75.3-105 %Rec 1 10/22/2020 5:27:37 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 10/22/2020 5:27:37 PM 1 Toluene ND 0.049 mg/Kg 1 10/22/2020 5:27:37 PM Ethylbenzene ND 0.049 mg/Kg 1 10/22/2020 5:27:37 PM Xylenes, Total ND 0.098 mg/Kg 1 10/22/2020 5:27:37 PM %Rec Surr: 4-Bromofluorobenzene 100 80-120 1 10/22/2020 5:27:37 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 3:10:05 AM ND 60 mg/Kg 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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 24 of 35

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 7' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:19:00 AM Lab ID: 2010951-025 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 10/22/2020 1:41:41 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/22/2020 1:41:41 PM Surr: DNOP 75.2 30.4-154 %Rec 1 10/22/2020 1:41:41 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 5:51:12 PM 4.8 mg/Kg 1 Surr: BFB 95.3 75.3-105 %Rec 1 10/22/2020 5:51:12 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 mg/Kg 10/22/2020 5:51:12 PM 1 Toluene ND 0.048 mg/Kg 1 10/22/2020 5:51:12 PM Ethylbenzene ND 0.048 mg/Kg 1 10/22/2020 5:51:12 PM Xylenes, Total ND 0.096 mg/Kg 1 10/22/2020 5:51:12 PM %Rec Surr: 4-Bromofluorobenzene 98.9 80-120 1 10/22/2020 5:51:12 PM **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 10/23/2020 3:22:30 AM ND 60 mg/Kg 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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

Page 25 of 35

EPA METHOD 300.0: ANIONS

Chloride

Analytical Report
Lab Order 2010951

Date Reported: 10/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOMINC Client Sample ID: BH04 8' **Project:** SBL Unit 263H 6 28 2020 Spill Collection Date: 10/20/2020 11:20:00 AM Lab ID: 2010951-026 Matrix: SOIL Received Date: 10/21/2020 8:00:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM Diesel Range Organics (DRO) ND 9.2 mg/Kg 1 10/22/2020 1:51:32 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/22/2020 1:51:32 PM Surr: DNOP 73.2 30.4-154 %Rec 1 10/22/2020 1:51:32 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 10/22/2020 6:14:37 PM 5.0 mg/Kg 1 Surr: BFB 96.1 75.3-105 %Rec 1 10/22/2020 6:14:37 PM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 mg/Kg 10/22/2020 6:14:37 PM 1 Toluene ND 0.050 mg/Kg 1 10/22/2020 6:14:37 PM Ethylbenzene ND 0.050 mg/Kg 1 10/22/2020 6:14:37 PM Xylenes, Total ND 0.10 mg/Kg 1 10/22/2020 6:14:37 PM %Rec Surr: 4-Bromofluorobenzene 101 80-120 1 10/22/2020 6:14:37 PM

ND

60

mg/Kg

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

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

Page 26 of 35

Analyst: CAS

10/23/2020 3:34:54 AM

QC SUMMARY REPORT Η

	WO#:	2010951
Hall Environmental Analysis Laboratory, Inc.		28-Oct-20

Client: Project:	WESCON SBL Unit	M INC 263H 6 28	2020	Spill							
Sample ID:	MB-55958	SampTy	be: mb	olk	Tes	tCode: EF	PA Method	300.0: Anion	\$		
Client ID:	PBS	Batch I	D: 559	958	F	RunNo: 72	2838				
Prep Date:	10/21/2020	Analysis Da	te: 10	0/21/2020	S	SeqNo: 2	560239	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-55958	SampTy	be: Ics	;	Tes	tCode: EF	PA Method	300.0: Anion	S		
Client ID:	LCSS	Batch I	D: 559	958	F	RunNo: 72	2838				
Prep Date:	10/21/2020	Analysis Da	te: 10)/21/2020	5	SeqNo: 2	560241	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.4	90	110			
Sample ID:	MB-55989	SampTy	be: mb	olk	Tes	tCode: EF	PA Method	300.0: Anion	S		
Client ID:	PBS	Batch I	D: 559	989	F	RunNo: 72	2875				
Prep Date:	10/22/2020	Analysis Da	te: 10)/22/2020	S	SeqNo: 2	561649	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-55989	SampTy	be: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch I	D: 559	989	F	RunNo: 72	2875				
Prep Date:	10/22/2020	Analysis Da	te: 10)/22/2020	5	SeqNo: 2	561650	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.5	90	110			
Sample ID:	2010951-004AMS) SampTy	be: ms	d	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	BH01 3'	Batch I	D: 559	989	F	RunNo: 72	2875				
Prep Date:	10/22/2020	Analysis Da	te: 10)/23/2020	S	SeqNo: 2	561661	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		96	60	30.00	73.86	73.3	36.7	168	1.47	20	
Sample ID:	MB-55975	SampTy	be: mb	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch I	D: 559	975	F	RunNo: 72	2886				
Prep Date:	10/22/2020	Analysis Da	te: 10)/23/2020	5	SeqNo: 2	563320	Units: mg/K	g		
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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 27 of 35

	WO#:	2010951
Hall Environmental Analysis Laboratory, Inc.		28-Oct-20

Client: Project:	WESCO SBL Uni	0M INC 1t 263H 6 28	3 2020	Spill							
	LCS-55975	SampT						300.0: Anion	s		
			ID: 55			RunNo: 7			_		
Prep Date:	10/22/2020	Analysis D	ate: 10)/23/2020		SeqNo: 2	563321	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.4	90	110			
Sample ID:	2010951-002AMS	D SampT	ype: ms	d	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID:	BH01 1'	Batch	ID: 55	975	F	RunNo: 7	2886				
Prep Date:	10/22/2020	Analysis D	ate: 10)/23/2020	5	SeqNo: 2	563336	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		120	60	30.00	97.07	81.2	36.7	168	2.91	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 28 of 35

.

OC SUMMARY REPORT Η

	WO#:	2010951
Hall Environmental Analysis Laboratory, Inc.		28-Oct-20

Client: Project:	WESCO SBL Unit	M INC 263H 6 28	8 2020	Spill							
Sample ID:	2010951-001AMS	SampT	ype: M \$	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	BH01 0'	Batch	ID: 55	940	F	RunNo: 7	2804				
Prep Date:	10/21/2020	Analysis D	ate: 10)/21/2020	S	SeqNo: 2	559390	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	Organics (DRO)	57	9.7	48.36	11.84	94.3	15	184			
Surr: DNOP		4.7		4.836		97.3	30.4	154			
Sample ID:	2010951-001AMS	SampT	ype: M\$	SD.	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	BH01 0'	Batch	ID: 55	940	F	RunNo: 7	2804				
Prep Date:	10/21/2020	Analysis D	ate: 1 0	0/21/2020	5	SeqNo: 2	559391	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	56	9.9	49.50	11.84	89.3	15	184	2.52	23.9	
Surr: DNOP		4.7		4.950		95.7	30.4	154	0	0	
Sample ID:	LCS-55940	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	ID: 55	940	F	RunNo: 7	2804				
Prep Date:	10/21/2020	Analysis D	ate: 10)/21/2020	S	SeqNo: 2	559394	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	49	10	50.00	0	98.9	70	130			
Surr: DNOP		4.7		5.000		94.6	30.4	154			
Sample ID:	MB-55940	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	ID: 55	940	F	RunNo: 7	2804				
Prep Date:	10/21/2020	Analysis D	ate: 10)/21/2020	S	SeqNo: 2	559395	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Drganics (DRO)	ND	10								
-	e Organics (MRO)	ND	50								
Surr: DNOP		10		10.00		102	30.4	154			
Sample ID:	LCS-55951	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batch	ID: 55	951	F	RunNo: 7	2857				
Prep Date:	10/21/2020	Analysis D	ate: 10)/22/2020	S	SeqNo: 2	560727	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	51	10	50.00	0	103	70	130			
Surr: DNOP		5.6		5.000		112	30.4	154			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 29 of 35

WESCOM INC

Client:

Project:

Sample ID: LCS-55957

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SBL Unit 263H 6 28 2020 Spill

SampType: LCS

							•	•	
Client ID: LCSS	Batch ID: 55	957	F	RunNo: 72	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	S	SeqNo: 2	560728	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58 10	50.00	0	117	70	130			
Surr: DNOP	6.7	5.000		134	30.4	154			
Sample ID: LCS-55959	SampType: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch ID: 55	959	F	RunNo: 72	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	5	SeqNo: 2	560729	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48 10	50.00	0	95.0	70	130			
Surr: DNOP	5.2	5.000		103	30.4	154			
Sample ID: MB-55951	SampType: M I	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 55	951	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	S	SeqNo: 2	560730	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	9.7	10.00		96.8	30.4	154			
Sample ID: MB-55957	SampType: M I	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 55	957	F	RunNo: 72	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	5	SeqNo: 2	560731	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	13	10.00		131	30.4	154			
Sample ID: MB-55959	SampType: M I	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 55	959	F	RunNo: 72	2857				
Prep Date: 10/21/2020	Analysis Date: 1	0/22/2020	S	SeqNo: 2	560732	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	11	10.00		110	30.4	154			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 30 of 35

WO#: 2010951 28-Oct-20

TestCode: EPA Method 8015M/D: Diesel Range Organics

U SUMMART REFURI	WO#:	2010951
all Environmental Analysis Laboratory, Inc.		28-Oct-20

Client: WESCO Project: SBL Unit	M INC t 263H 6 28	3 2020	Spill							
Sample ID: 2010951-002AMS	SampT	ype: MS	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BH01 1'	Batch	ID: 55	951	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis D	ate: 1(0/22/2020	S	SeqNo: 2	561030	Units: mg/K	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	8.9	44.56	6.529	96.8	15	184			
Surr: DNOP	5.3		4.456		119	30.4	154			
Sample ID: 2010951-002AMS	D SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: BH01 1'	Batch	ID: 55	951	F	RunNo: 7	2857				
Prep Date: 10/21/2020	Analysis D	ate: 10	0/22/2020	S	SeqNo: 2	561031	Units: mg/k	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	9.7	48.64	6.529	112	15	184	20.7	23.9	
Surr: DNOP	6.5		4.864		135	30.4	154	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 31 of 35

Client:

Project:

Sample ID: mb1

Client ID: PBS

Gasoline Range Organics (GRO)

Sample ID: 2.5ug gro lcs

Gasoline Range Organics (GRO)

Client ID: LCSS

Prep Date:

Surr: BFB

Prep Date:

Surr: BFB

Analyte

Analyte

QC SUMMARY REPORT Hall Environmental Analysis L

MARY				ory, Inc.					WO#:	2010951 28-Oct-20
WESCO SBL Unit	M INC t 263H 6 2	8 2020 5	Spill							
	•	Type: MB					8015D: Gaso	oline Range	9	
	Batch ID: G72826 Analysis Date: 10/21/2020		RunNo: SeqNo: 2			Units: mg/Kg				
	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cs (GRO)	ND 990	5.0	1000		99.3	75.3	105			
gro lcs	SampT	ype: LC	s	Tes	Code: E	PA Method	8015D: Gaso	oline Range	e	
	Batcl	h ID: G7 :	2826	F	unNo: 7	2826				
	Analysis E	Date: 10	/21/2020	S	eqNo: 2	559457	Units: mg/k	٢g		
	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cs (GRO)	23 1100	5.0	25.00 1000	0	90.8 110	72.5 75.3	106 105			S
51-001ams	SampT	vpe: MS	1	Tes	Code: E	PA Method	8015D: Gaso	oline Rang	9	

Sample ID: 2010951-001ams	SampT	ype: MS	5	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: BH01 0'	Batch	n ID: G7	2826	F	RunNo: 7	2826				
Prep Date:	Analysis D	0ate: 10	/21/2020	5	SeqNo: 2	559459	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.6	18.00	0	89.2	61.3	114			
Surr: BFB	770		719.9		107	75.3	105			S
Sample ID: 2010051 001amas	. Comm	mai MC		Tee			0045D: Coos		-	

Sample ID: 2010951-001ams	d SampType: I	MSD	Tes	tCode: EPA	Method	8015D: Gaso	line Rang	e	
Client ID: BH01 0'	Batch ID:	G72826	F	RunNo: 728	26				
Prep Date:	Analysis Date:	10/21/2020	S	SeqNo: 255	9460	Units: mg/K	g		
Analyte	Result PQI	L SPK value	SPK Ref Val	%REC I	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	17 3.	.6 18.00	0	92.5	61.3	114	3.57	20	
Surr: BFB	800	719.9		112	75.3	105	0	0	S
Sample ID: 2010951-004ams	SampType: I	MS	Tes	tCode: EPA	Method	8015D: Gaso	line Rang	e	
Client ID: BH01 3'	Batch ID:	55952	F	RunNo: 728	78				
Prep Date: 10/21/2020	Analysis Date:	10/22/2020	5	SeqNo: 256	61752	Units: mg/K	g		
Analyte	Result PQI	L SPK value	SPK Ref Val	%REC I	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27 4.	.9 24.51	0	112	61.3	114			
Surr: BFB	1100	980.4		111	75.3	105			S
Sample ID: 2010951-004ams	d SampType: I	MSD	Tes	tCode: EPA	Method	8015D: Gaso	line Rang	e	
Client ID: BH01 3'	Batch ID:	55952	F	RunNo: 728	78				
Prep Date: 10/21/2020	Analysis Date:	10/22/2020	S	SeqNo: 256	1753	Units: mg/K	g		
Analyte	Result PQI	L SPK value	SPK Ref Val	%REC I	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

Value exceeds Maximum Contaminant Level. *

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

в Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 32 of 35

QC SUMMARY REPORT Hal

	WO#:	2010951
Ill Environmental Analysis Laboratory, Inc.		28-Oct-20

Client:	WESCOM	INC	
Project:	SBL Unit 2	63H 6 28 2020 Spill	
Sample ID: 201095	1-004amsd	SampType: MSD	

Sample ID: 2010951-004amsc	I SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID: BH01 3'	Batch	n ID: 55	952	F	RunNo: 7	2878				
Prep Date: 10/21/2020	Analysis D	ate: 10	0/22/2020	S	SeqNo: 2	561753	Units: mg/#	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.9	24.68	0	115	61.3	114	3.61	20	S
Surr: BFB	1100		987.2		109	75.3	105	0	0	S
Sample ID: Ics-55952	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID: LCSS	Batch	n ID: 55	952	F	RunNo: 7	2878				
Prep Date: 10/21/2020	Analysis D	ate: 10)/22/2020	5	SeqNo: 2	561796	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.3	72.5	106			
Surr: BFB	1100		1000		109	75.3	105			S
Sample ID: mb-55952	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: PBS	Batch	n ID: 55	952	F	RunNo: 7	2878				
Prep Date: 10/21/2020	Analysis D	ate: 10	0/22/2020	S	SeqNo: 2	561798	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Gasoline Range Organics (GRO)	Result ND	PQL 5.0	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 33 of 35

	WO#:	2010951
ll Environmental Analysis Laboratory, Inc.		28-Oct-20

Client:WESCOMProject:SBL Unit		28 2020	Spill							
Sample ID: mb1	Samp ⁻	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: B7	2826	F	RunNo: 72	2826				
Prep Date:	Analysis [Date: 10)/21/2020	S	SeqNo: 2	559473	Units: mg/K	ſg		
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		103	80	120			
Sample ID: 100ng btex lcs	Samp ⁻	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: B7	2826	F	RunNo: 72	2826				
Prep Date:	Analysis [Date: 10)/21/2020	5	SeqNo: 2	559474	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.7	80	120			
Toluene	0.92	0.050	1.000	0	91.6	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.0	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			
Sample ID: 2010951-002ams	Samp ⁻	Гуре: МS	;	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: BH01 1'	Batc	h ID: B7	2826	F	RunNo: 7	2826				
Prep Date:	Analysis [Date: 10	/21/2020	S	SeqNo: 2	559477	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.72	0.020	0.7994	0	90.0	76.3	120			
Toluene	0.75	0.040	0.7994	0	93.9	78.5	120			
Ethylbenzene	0.76	0.040	0.7994	0	94.9	78.1	124			
Xylenes, Total	2.3	0.080	2.398	0	94.7	79.3	125			
Surr: 4-Bromoflu orobenzene	0.83		0.7994		104	80	120			
Sample ID: 2010951-002amsd	Samp	Гуре: МS	D	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: BH01 1'	Batc	h ID: B7	2826	F	RunNo: 72	2826				
Prep Date:	Analysis [Date: 10	/21/2020	5	SeqNo: 2	559478	Units: mg/K	íg		
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.72	0.020	0.7994	0	89.9	76.3	120	0.0111	20	
Toluene	0.74	0.040	0.7994	0	92.9	78.5	120	1.08	20	
Ethylbenzene	0.75	0.040	0.7994	0	93.8	78.1	124	1.23	20	
Xylenes, Total	2.3	0.080	2.398	0	94.0	79.3	125	0.844	20	
Surr: 4-Bromoflu orobenzene	0.86		0.7994		108	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2010951

28-Oct-20

Client:WESCOProject:SBL Un	0M INC it 263H 6 2	8 2020	Spill							
Sample ID: 2010951-005ams	Samp	Туре: МS	5	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: BH01 4'	Batc	h ID: 55	952	F	RunNo: 7	2878				
Prep Date: 10/21/2020	Analysis [Date: 10)/22/2020	Ş	SeqNo: 2	561891	Units: mg/k	٢g		
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	- %RPD	RPDLimit	Qual
Benzene	0.97	0.025	0.9823		98.6	76.3	120			Quai
Toluene	1.0	0.049	0.9823	0.01328	105	78.5	120			
Ethylbenzene	1.1	0.049	0.9823	0	109	78.1	124			
Xylenes, Total	3.2	0.098	2.947	0	109	79.3	125			
Surr: 4-Bromofluorobenzene	1.0		0.9823		101	80	120			
Sample ID: 2010951-005ams	d Samp	Туре: МS	6D	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: BH01 4'	Batc	h ID: 55	952	F	RunNo: 7	2878				
Prep Date: 10/21/2020	Analysis I	Date: 10)/22/2020	5	SeqNo: 2	561892	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9728	0	102	76.3	120	2.88	20	
Toluene	1.1	0.049	0.9728	0.01328	109	78.5	120	2.60	20	
Ethylbenzene	1.1	0.049	0.9728	0	115	78.1	124	3.99	20	
Xylenes, Total	3.3	0.097	2.918	0	114	79.3	125	3.04	20	
Surr: 4-Bromofluorobenzene	1.0		0.9728		103	80	120	0	0	
Sample ID: LCS-55952	Samp ⁻	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 559	952	F	RunNo: 7	2878				
Prep Date: 10/21/2020	Analysis [Date: 10	/22/2020	S	SeqNo: 2	561934	Units: mg/K	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.1	80	120			
Toluene	0.95	0.050	1.000	0	94.7	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.5	80	120			
Surr: 4-Bromoflu orobenzene	1.0		1.000		104	80	120			
Sample ID: mb-55952	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 559	952	F	RunNo: 7	2878				
Prep Date: 10/21/2020	Analysis [Date: 10	/22/2020	5	SeqNo: 2	561936	Units: mg/k	٢g		
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-Bromoflu orobenzene	1.0		1.000		99.6	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit S % Recovery outside of range due to dilution or matrix

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

Page 35 of 35

.

Page 2	53 o	f 2	62
--------	------	-----	----

	ANAL	RONMENT		TI	EL: 505-345-	ental Analysis L 4901 Ha Albuquerque, 3975 FAX: 505 tts.hallenvironn	awkins NE NM 87109 -345-4107	Sa	mple Log-In Che	Page 2 eck List
C	Client Name:	Wescom I	nc	Worl	k Order Nun	nber: 2010951			RcptNo: 1	
С	eceived By: completed By: eviewed By:	Cheyenn Desiree [CMC	e Cason Dominguez		2020 8:00:0 2020 8:22:1 — 1 <i>0/21</i>	5 AM	T	N		
<u>Cł</u>	hain of Cus	tody		quence	/					
1.	Is Chain of C	ustody comp	olete?			Yes 🗸	Ν	lo 🗌	Not Present	
2.	How was the	sample deli	vered?			Courier				
	og In									
3.	Was an atten	npt made to	cool the samp	oles?		Yes 🗹	N	lo 🗌		
4.	Were all sam	oles received	d at a tempera	ature of >0° C	to 6.0°C	Yes 🗹	N	•		
5.	Sample(s) in	proper conta	iiner(s)?			Yes 🗹	N	o 🗌		
6.	Sufficient sam	ple volume t	for indicated t	est(s)?		Yes 🔽	N	o 🗌		
7.	Are samples (except VOA	and ONG) pr	operly preserv	ed?	Yes 🔽	N	o 🗆		
8.	Was preserva	tive added to	bottles?			Yes 🗌	N		NA 🗌	
9.	Received at le	ast 1 vial wit	th headspace	<1/4" for AQ \	/OA?	Yes	N	,	NA 🔽	
	Were any san					Yes		• 🗸		
11.	Does paperwo (Note discrepa	ork match bo	ttle labels?			Yes 🗹	N	_	# of preserved bottles checked for pH: (<2 or ≽#2	unless noted)
12.4	Are matrices of	orrectly iden	tified on Chai	n of Custody?		Yes 🗸	No		Adjusted?	
13.	Is it clear what	analyses w	ere requested	?		Yes 🔽	N			
	Were all holdir (If no, notify cu					Yes 🔽	No		Checked by: JP	10/21/2
Spe	ecial Handl	ing (if app	olicable)					/		
15.	Was client no	tified of all d	iscrepancies	with this order	?	Yes 🗌	N	• 🗆	NA 🗹	
	Person	Notified:	[Date	:[and the second second	Dectment of		
	By Who	m:	[- Via:	eMail	Phone] Fax	In Person	
	Regardi	ng:	1							
	Client In	structions:	1		and an inclusion of the second					
16.	Additional rer	marks:								
17.	Cooler Infor	mation								
	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed	l By		
	1	0.4	Good	Not Present						
	2	0.4	Good	Not Present						

Page 1 of 1

-uieu Chain	Chain-of-Custody Record	Record	Turn-Around Time:	Time:								Receiv
Clien	an love.		□ Standard		WRush 48th		ANAL		VIR	VSIS LABORATO	NTAL TORV	ed by
			Project Name:					www.hallenvironmental.com	umental	com		0CD
Mailing Address:	1224 STANDA	PIR DD	SBLUNIT	1	2634-62020	4901 H	4901 Hawkins NE		inerque,	Albuquerque, NM 87109): 8/1
J J	MM	66220	Project #:			Tel. 5(505-345-3975	10	× 505-34	505-345-4107		2/202
202 Phone #: 676	6-640-09	10						Analysis	s Request	st		219.
email or Fax#. Shrifterve	RAIL VOSTON		Project Mana	Project Manager:	ç			[†] 0		hu		:43:
.20: 07/QC Package:			STAR	18211241	55	ЯМ	SN	S '≉(əsa		43 /
1		Level 4 (Full Validation)	5442.44)23723 W	SHAR-HARNESTER QUESCOMINC. CON	/ O}	IIS0	р РО		Avn		1 <u>M</u>
Accreditation:	Az Compliance		Sampler: A HLS	HLEN GIO	JIOVENGO	אם ו		10 ⁵	_	asa		
2223	Other		On Ice:	es	O No	оя) OL	_		ц <u>а</u>)		
EDD (Type)			# of Coolers:	3		(ei	016	ON) ∧- !			
			Cooler Temp(including CF):	(including CF): S	Bend (°C)	3910	3 Y 8	, 'B	ພອຽ	2010		0)
Doto Timo	Motriv Samula Nama	eme	Container	Preservative	HEAL No.	X3TE 8:H9 8:H9	1) 803 I sHA	SCRA SPE,) 022 ()	O listo		
0110		0/	and the	lype [roj	(00)	Ň	-	\times	8	1		
An	S BHOI	1 /	1/12 /	Icc	200	XX	-					
10/20 9:35	S RHOI	3'	148 1	100	003	XX		\geq				
1 2.2	5 BHOI	31	1481	lce	100	XX		\times				
10/20 9:45	0.000	41	IAR I	160	005	XX		X				
05:9 02/01	5 31101	51	1481	100	900 E	XX		X				
10/20/9:55	5 3HOI	lo'	1481	ice	00 7	XX	_	\times				
00:01 /2/00	5 31401	14	MR 1	ice	00%	ХX		×				
10/20 10:05	5 BHOI	6	JARI	icc.	600	XX		\times				
1												
							<		00	4	. / .	
	11111						+	76470	all sam	mylles fer	Shar Pivla	1/2020
18/20 1:55	Kelinguished by	k	Keceljeg oy.	VIa:	18/20/20 14 W	• •	oun o	sample		15+ 1+ 3	2100	Page
Date: Time:	Relinquished by:	N	Received by:	Via:	Date Time	f mds	PH Or	N	50 ppm	m BTEX	(, Rur	254
10/20/20 19/20	M		Cm	CUN	10/21/20 08000	next	depth	h 0.420=	0=0.4	1.0400		t of 2
. If necessary,	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	vironmental may be subo	contracted to other a	ccredited laboratories	s. This serves as notice of thi	s possibility. Any su	ib-contracted o	ata will be cl	early notated	I on the analytical	l report.	62

Received l	≻	D: 8/1	2/20	219	:43:4	43 Al	M															1		255 of	
	ANALYSIS LABORATOR	www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109	10	Anal	*0\$	O⁴' S IIWS	d ⁽² S02	(1.40 (1.40 728 rc 20N (A	-VO 103 103 100 100	ethc y 83 Me (AO) (AO)	8081 Pe 20B (M 20E0 (M 20E0 (V 20E0 (S 20E1 Cc	8 7 7 8 8 8		X		X	X	×	X	×			0	10	を の・4 Any sub-contracted data will be clearly notated on the analytical report
		4				_	_				PH:80	-	XX	XX	XX	XX	\times	X	XX	X X		Remarks:	KUN	0440	0.4 ±02 possibility. A
Tron	X Rush 45 HR	11105 32 9-			or Horvester.			Giovengo		Le Rund (°C)	t	200	011	012	013	OIH	015	016	017	015		Date Time	Oppilar 1400		ロレーレーレーレー ひょうしの ratories. This serves as notice of this
ime:		2634-			er:Shc			1 ves	m	Iduding CF)	Preservative	lcc	ice	100	CC	ice	ICC	100	lce	100		Via:		Via:	redited labo
Turn-Around Time:	□ Standard Project Name:	SBL Unit:	Project #:		Lov Project Manager:Shor			Sampler: 45h	olers:	Cooler Temp(including CF) Sec	Container F		1481	1481	TABL	J481	1481	1481	1481	1880		Received toy	VIV	Receiver of	contracted to other acc
Client: /	Wescom Inc.	Mailing Address: 1224 Standors Rd	10%	5	email or Fax#: 5 hor. ho rrish () we sand ne , wy	ige:	Standard — Level 4 (Full Validation)	Accreditation: Accreditation: Az Compliance Accreditation: Az Compliance	(adv		Date Time Matrix Sample Name	11:38 5	ndre 11:40. 5 BHO3 11	10/20 11:44 5 31403 21	10/20 11:46 5 RIAD3 3'	10/20 11:48 5 12HO3 4	10/20 11:53 5 BHO3 5	10/20 11:55 5 13/403 6	10/20 12:10 5 33403 7	19/20 5 3405.8		e: Time: Relinquished by	0 1:5 gm	Date: Time: Relinguished by:	If Di

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	8270SIMS 4, SO ₄ , SO ₄ () (fnesdA\fnesent))(GRC 1) 10 03, 10 05 10 01 10 01 100000000	TPH:80151 8081 Pesti RCRA 8 M RCRA 8 M RCRA 8 M RCRA 8 M RCRA 8 M		XX		XX						TPH 2/02 > GOPT BIEX RUN NEXT	DEPTH $_{\rm o}$ $_{\rm M}$ ± 0 ± 0, 4 Any sub-contracted data will be clearly notate
Turn-Around Time: □ Standard & Rush <u>4 & H</u> - Broioot Momod	Froject #:	Shar ey Giù	Diers: 3	Cooler I emplimetuding CF): Leven (*C) Container Preservative HEAL No. Type and # Type	1CC 019	166 020	1Ce 021	1 100 022			100 020	1	Vie Date Time	a by: Via Date Time	$C C \mathcal{N} = \frac{10}{10} \frac{1}{10} \frac{1}{20} \frac{1}{20} \frac{1}{20} \frac{1}{20} \frac{1}{10}$ to other accredited laboratories. This serves as notice of this.
Client: しらくてのか エック Turn-Ar	Mailing Address: 1224 Shad Project No Carlsbod NM 88220 Project #: Phone #: 575-840-2940	x#: Shar, horve Shere Bue seam inco com age: Level 4 (Full Validation) n: Az Compliance		Cooler lem Container Container Date Time Matrix Sample Name Type and #	16/20 10148 5 Bito4 0' JARI	10/20 16:50 5 3404 1' 1421	10/20 10:51 5 3164 2' 1471	Bito 4	10/10 10:56 5 3(404 4' DAR)	11:67 5 31H04 5	10/10 11:19 5 13:404 6 1481	10 11: 70 5 BHOY 8'	Date: Time: Relinquished by: Received by:	10,20 1:50 Pm (20 Za Za Date: Time: Relinguighed by: Received by:	10/20/20 (900) NN If necessary, samples submitted to Hall Environmental may be subcontracted to

Attachment E

Site Photos







Site Signage



West Side Containment-BH01





West Side Containment-BH02



North Side Containment-BH03



North East Elevation



North Side Containment-BH04



East Side Containment-BH05





South West Side Containment-BH06



East Side Location-BG01

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

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

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

CONDITIONS

Operator:	OGRID:
KAISER-FRANCIS OIL CO	12361
P.O. Box 21468	Action Number:
Tulsa, OK 74121	41602
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	9/14/2021

Page 262 of 262 CONDITIONS

Action 41602