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.

South Bell Lake Unit 263H
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Closure Criteria (19.15.29.12.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, whichever is greater	TPH	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**	**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					
< 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.

South Bell Lake Unit 263H
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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

Tables

Attachments

Figures

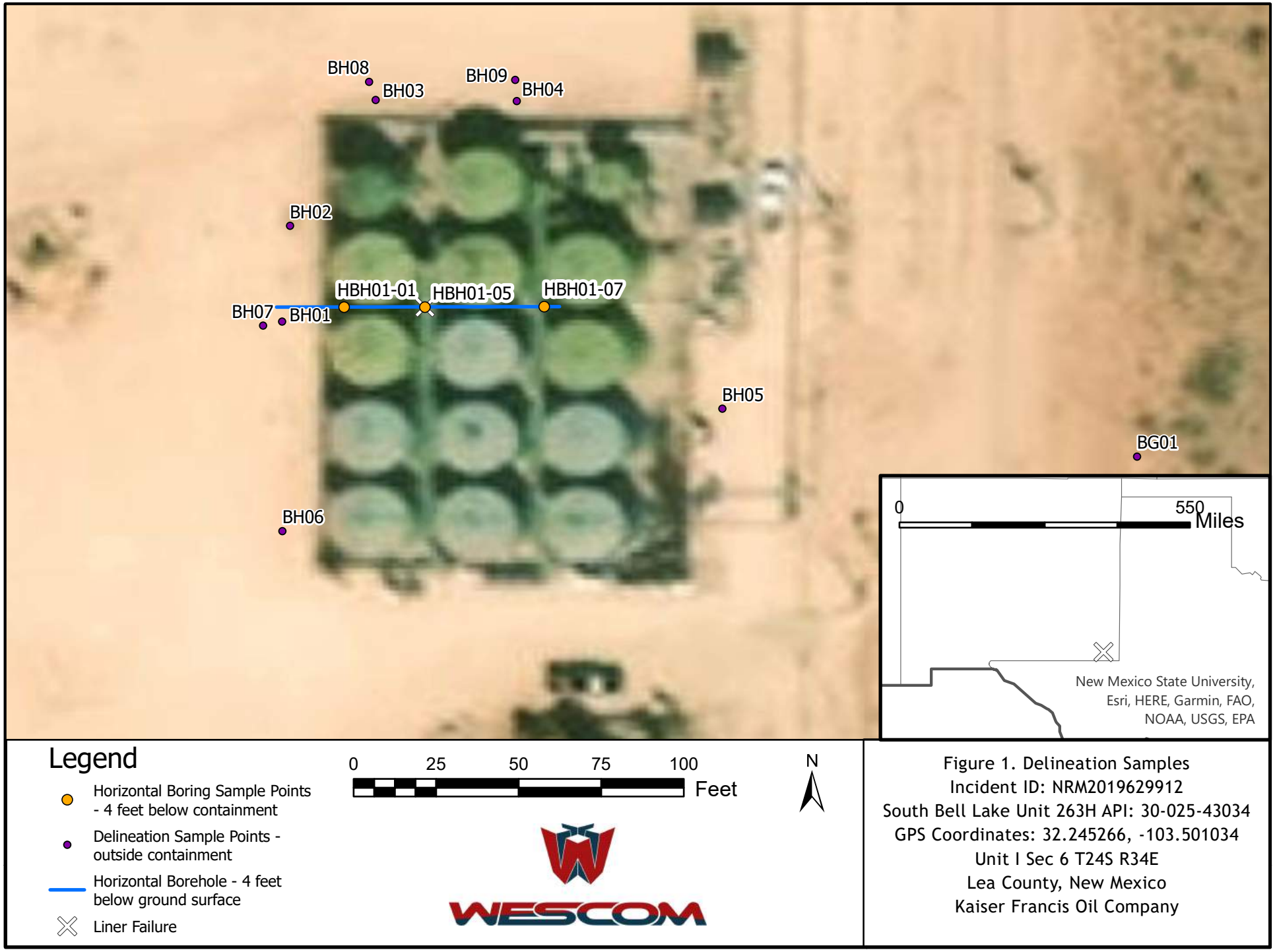

Figure 1. Delineation Samples
Incident ID: NRM2019629912
South Bell Lake Unit 263H API: 30-025-43034
GPS Coordinates: 32.245266, -103.501034
Unit I Sec 6 T24S R34E
Lea County, New Mexico
Kaiser Francis Oil Company

Tables

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South Bell Lake 263H - 6.28.2020 Spill
Kaiser Francis Oil Company
August 20, 2020

Table 1. Laboratory Analysis Results

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	TPH	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Closure Criteria			**10**	**50**	**2500**	**20000**
Delineation Criteria			**10**	**50**	**100**	**600**
Lab Order: 2008C40 - Hall Environmental Analysis Laboratory						
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

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South Bell Lake 263H - 6.28.2020 Spill
Kaiser Francis Oil Company
October 20, 2020

Table 2. Laboratory Analysis Results: Spill Delineation 10/10/2020

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	TPH	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Closure Criteria			**10**	**50**	**2500**	**20000**
Delineation Criteria			**10**	**50**	**100**	**600**
Lab Order: 2010951 - Hall Environmental Analysis Laboratory						
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

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South Bell Lake 263H - 6.28.2020 Spill
Kaiser Francis Oil Company
June 16, 2021

Table 3. Laboratory Analysis Results: Spill Delineation 6/15/2021

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	TPH	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Closure Criteria			**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

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 address	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
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

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.

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State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release meets the following criteria: "an unauthorized release of a volume, excluding gases, of 25 barrels or more."

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes. Charles Lock (KFOC – 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.

☒ 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.

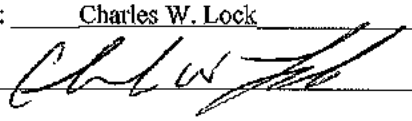
If all the actions described above have not been undertaken, explain why:

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: 7-7-2020

email: charlesl@kfoc.net Telephone: 918-491-437

OCD Only

Received by: Date:

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2010460118
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?	340 (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 ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2010460118
District RP	
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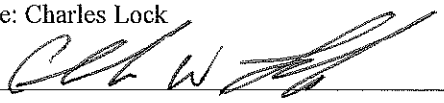
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Charles Lock

Title: EH&S Manager

Signature: 

Date: 11-6-2020

email: charlesl@kfoc.net

Telephone: 918-491-4337

OCD Only

Received by: _____

Date: _____

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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: Date: February 19, 2021

email: CharlesL@kfoc.net Telephone: 918-491-4337

OCD Only

Received by: Date:

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Date:

Attachment B

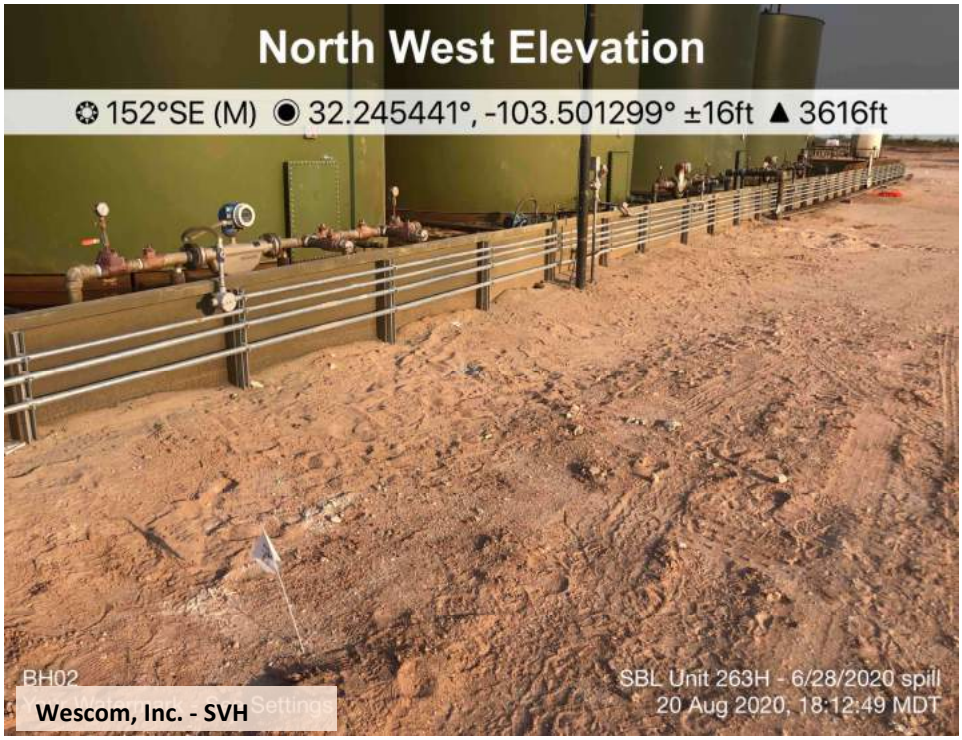
Site Photos

South Bell Lake Unit 263H
Incident ID: NRM2019629912

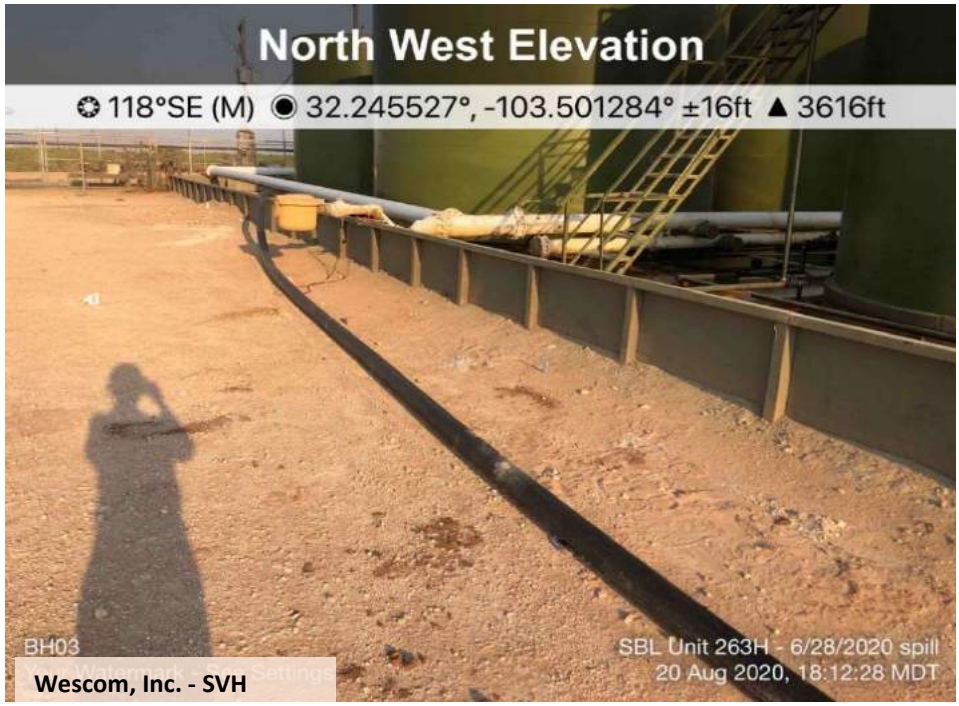
Site Signage

West Side Containment-BH01

South Bell Lake Unit 263H
Incident ID: NRM2019629912

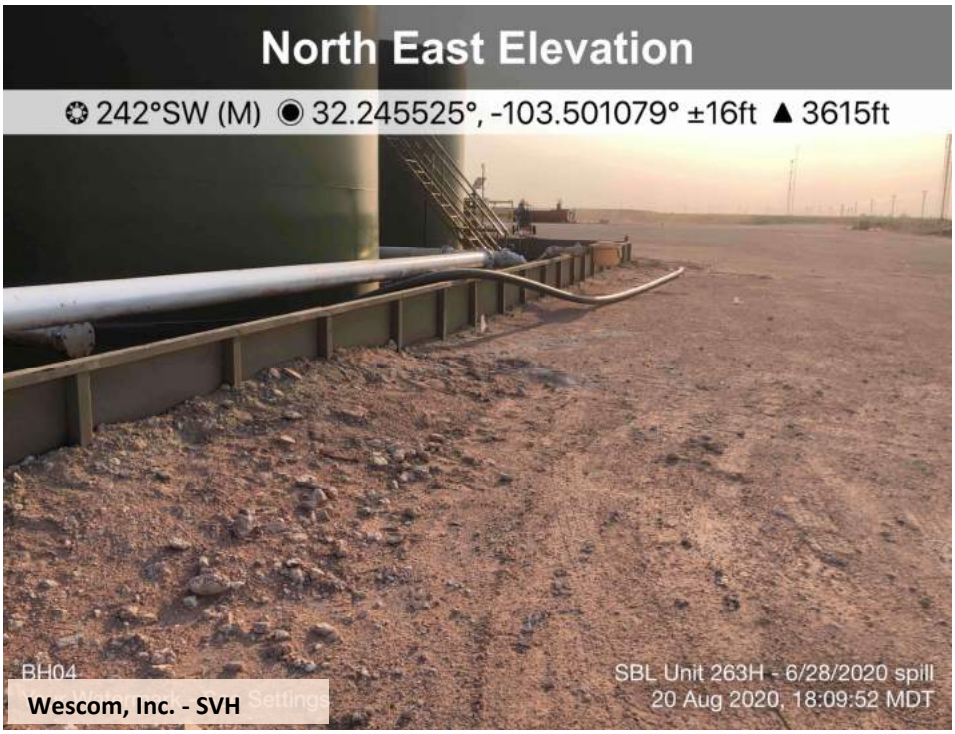


West Side Containment-BH02

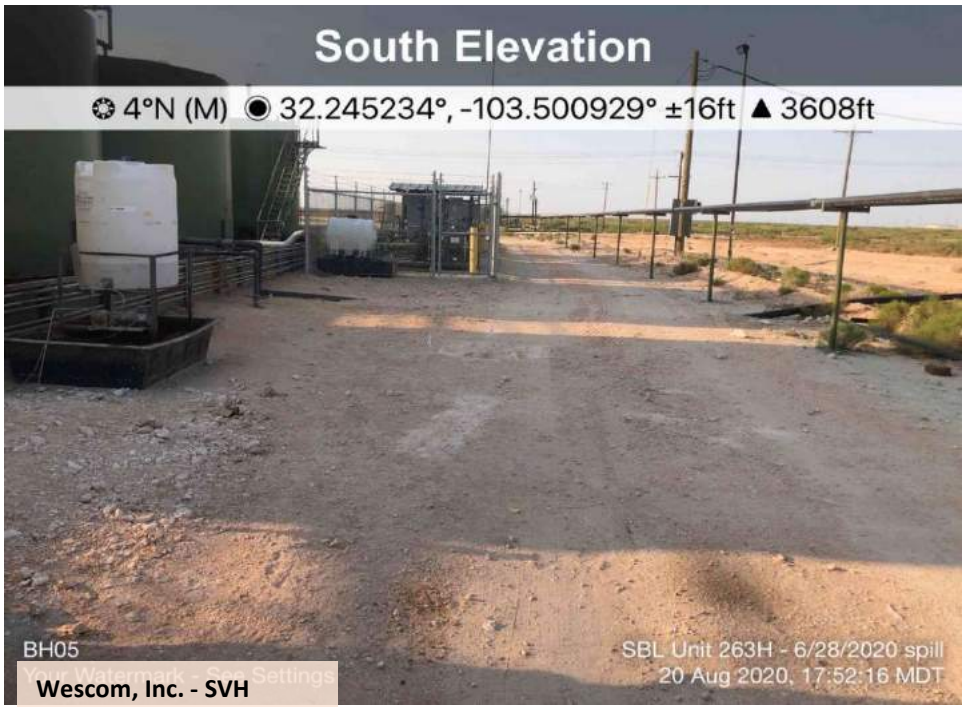


North Side Containment-BH03

South Bell Lake Unit 263H
Incident ID: NRM2019629912

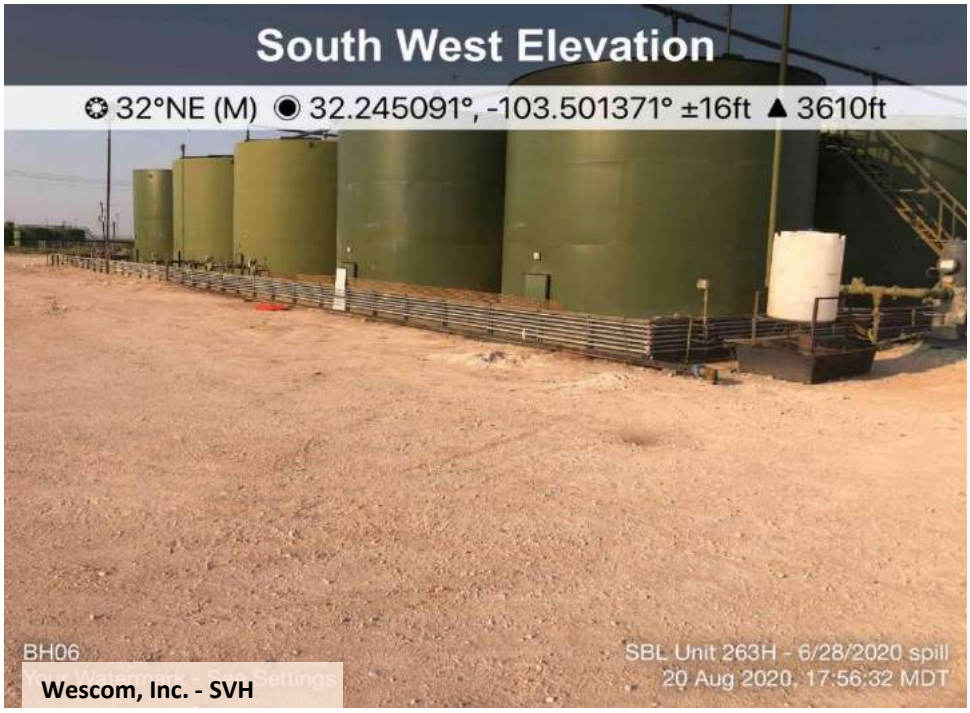


North Side Containment-BH04

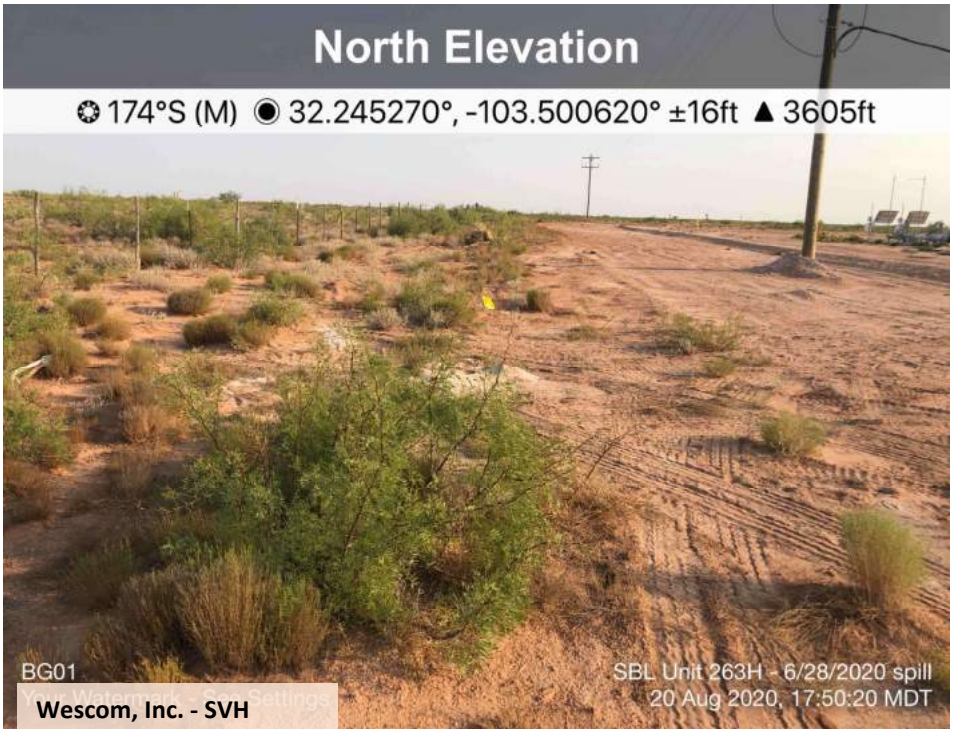


East Side Containment-BH05

South Bell Lake Unit 263H
Incident ID: NRM2019629912



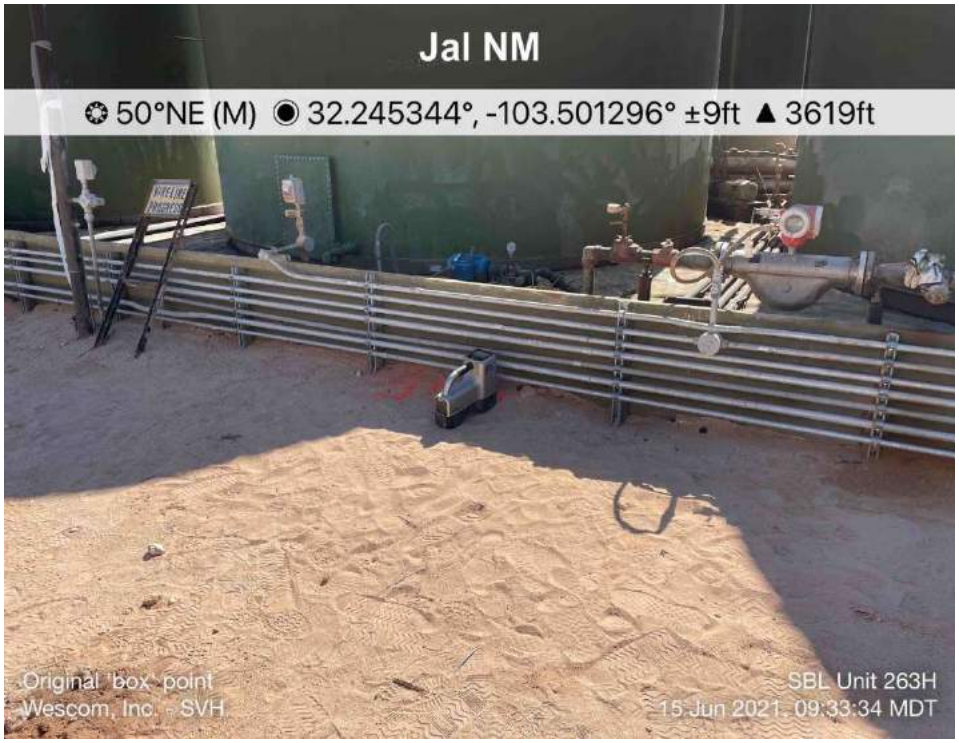
South West Side Containment-BH06



East Side Location-BG01

South Bell Lake Unit 263H
Incident ID: NRM2019629912

Drilling to First Core begins



Directional "box" to steer drill bit

South Bell Lake Unit 263H
Incident ID: NRM2019629912

Change Casing from Drill to Core Bit

Beginning of First Sample Core

South Bell Lake Unit 263H
Incident ID: NRM2019629912

First Sample being Removed from Borehole

Second Core - Beginning of Core at red mark

South Bell Lake Unit 263H
Incident ID: NRM2019629912

First Core - HBH01 - 01

Second Core - HBH01 - 05

South Bell Lake Unit 263H
Incident ID: NRM2019629912

Third Core - HBH01 - 07

Location of First Sample Core - As seen from eye level

South Bell Lake Unit 263H
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=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
2215A	C 04282 POD1	1	2	1	05	24S	34E	641662	3569541

Driller License: 1641 **Driller Company:** A & K WATER WELL DRILLING

Driller Name: GLASSPOOLE, KRISTOPHER L.NER

Drill Start Date:	11/19/2018	**Drill Finish Date:**	11/23/2018	**Plug Date:**	
Log File Date:	03/27/2020	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	50 GPM
Casing Size:	6.00	**Depth Well:**	574 feet	**Depth Water:**	390 feet

Water Bearing Stratifications:	Top	Bottom	Description
	385	490	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	390	574

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)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04282 POD1	C	LE	1	2	1	05	24S	34E	641662	3569541	1044	574	390	184
C 03932 POD3	CUB	LE	4	3	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	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
C 02386	CUB	LE	4	1	2	04	24S	34E	643962	3569290*	2872	575	475	100
C 02397	CUB	LE	4	1	2	04	24S	34E	643962	3569290*	2872	575	475	100
C 03666 POD1	C	LE	2	3	4	13	24S	33E	639132	3565078	4086	650	390	260
C 03917 POD1	C	LE	4	1	3	13	24S	33E	638374	3565212	4407	600	420	180
C 02284	CUB	LE	4	2	4	26	23S	33E	637907	3571626*	4435	325	225	100
C 02282	CUB	LE	3	1	1	25	23S	33E	638098	3572436*	4897	325	225	100

Average Depth to Water: **242 feet**
Minimum Depth: **81 feet**
Maximum Depth: **475 feet**

Record Count: 15

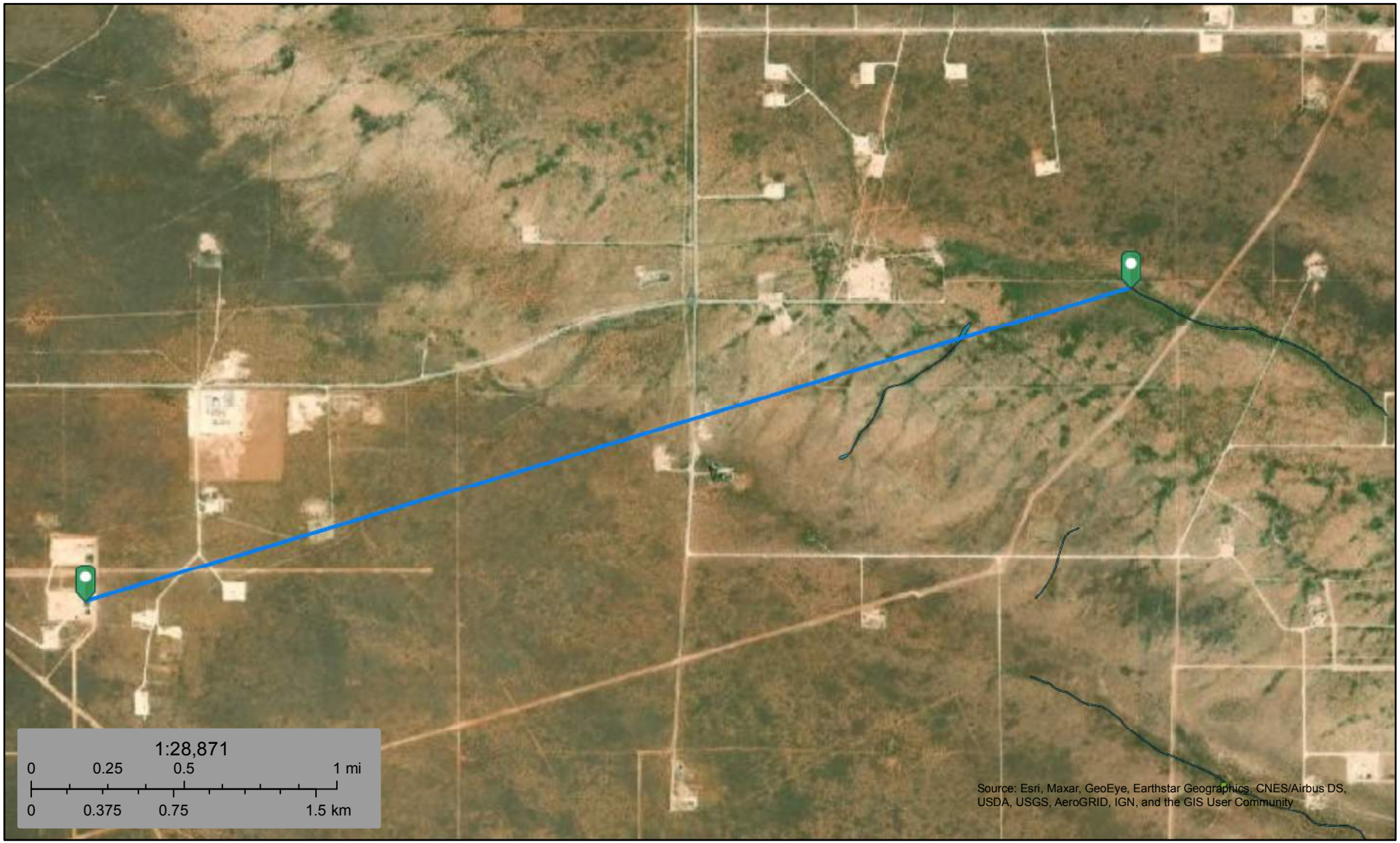
UTMNAD83 Radius Search (in meters):

Easting (X): 641169 **Northing (Y):** 3568620.93 **Radius:** 5000

***UTM location was derived from PLSS - see Help**

U.S. Fish and Wildlife Service
National Wetlands Inventory

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.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

SBL Unit 263H - Pond 13,191.2 ft

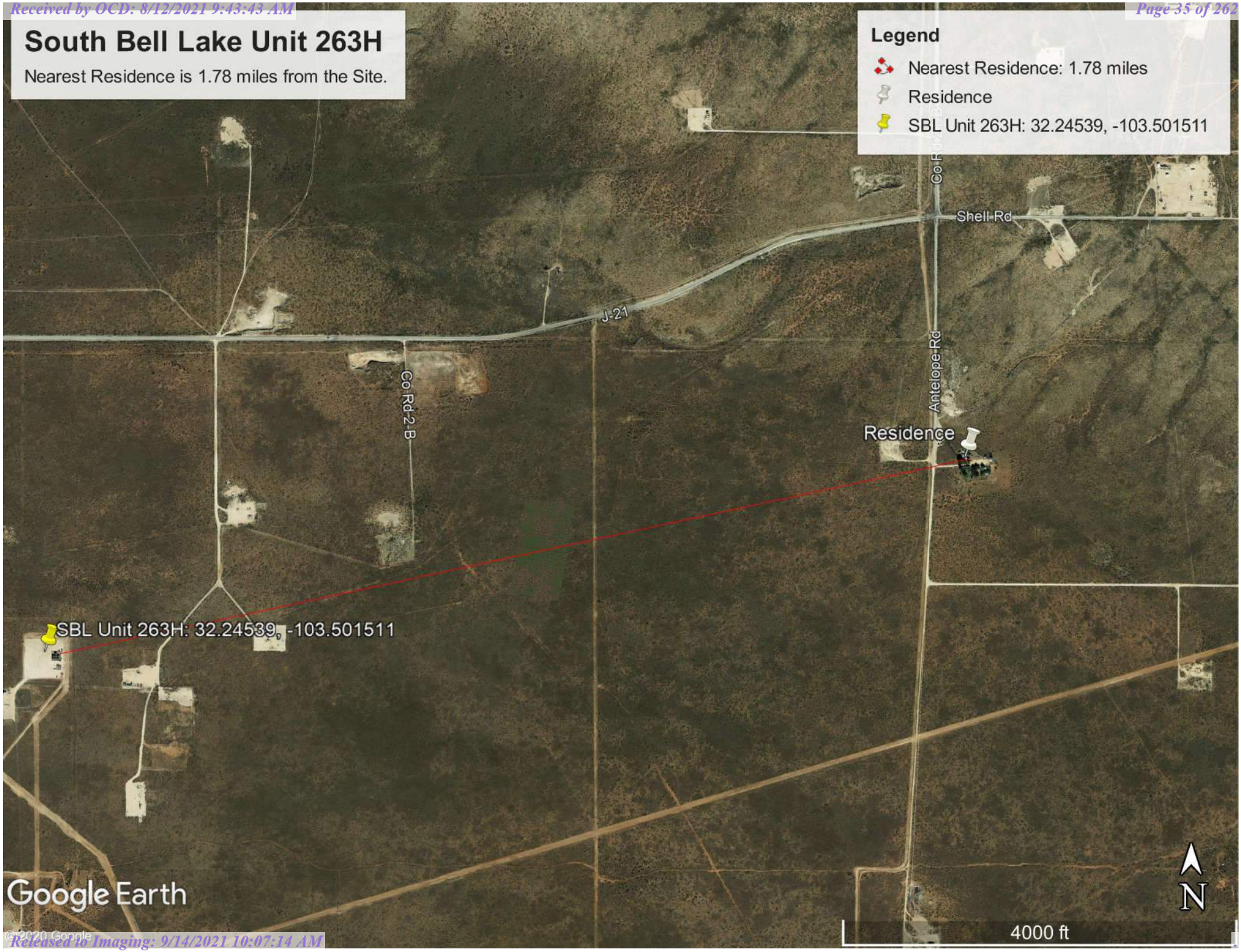
August 27, 2020

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.

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


South Bell Lake Unit 263H
Nearest Residence is 1.78 miles from the Site.
Legend
Nearest Residence: 1.78 miles
Residence
SBL Unit 263H: 32.24539, -103.501511
Shell Rd
J-21
Co Rd 2-B
Antelope Rd
Residence
SBL Unit 263H: 32.24539, -103.501511
Google Earth
© 2020 Google
N
4000 ft

U.S. Fish and Wildlife Service

National Wetlands Inventory

SBL Unit 263H - Wetland 4,872.8 ft

August 27, 2020

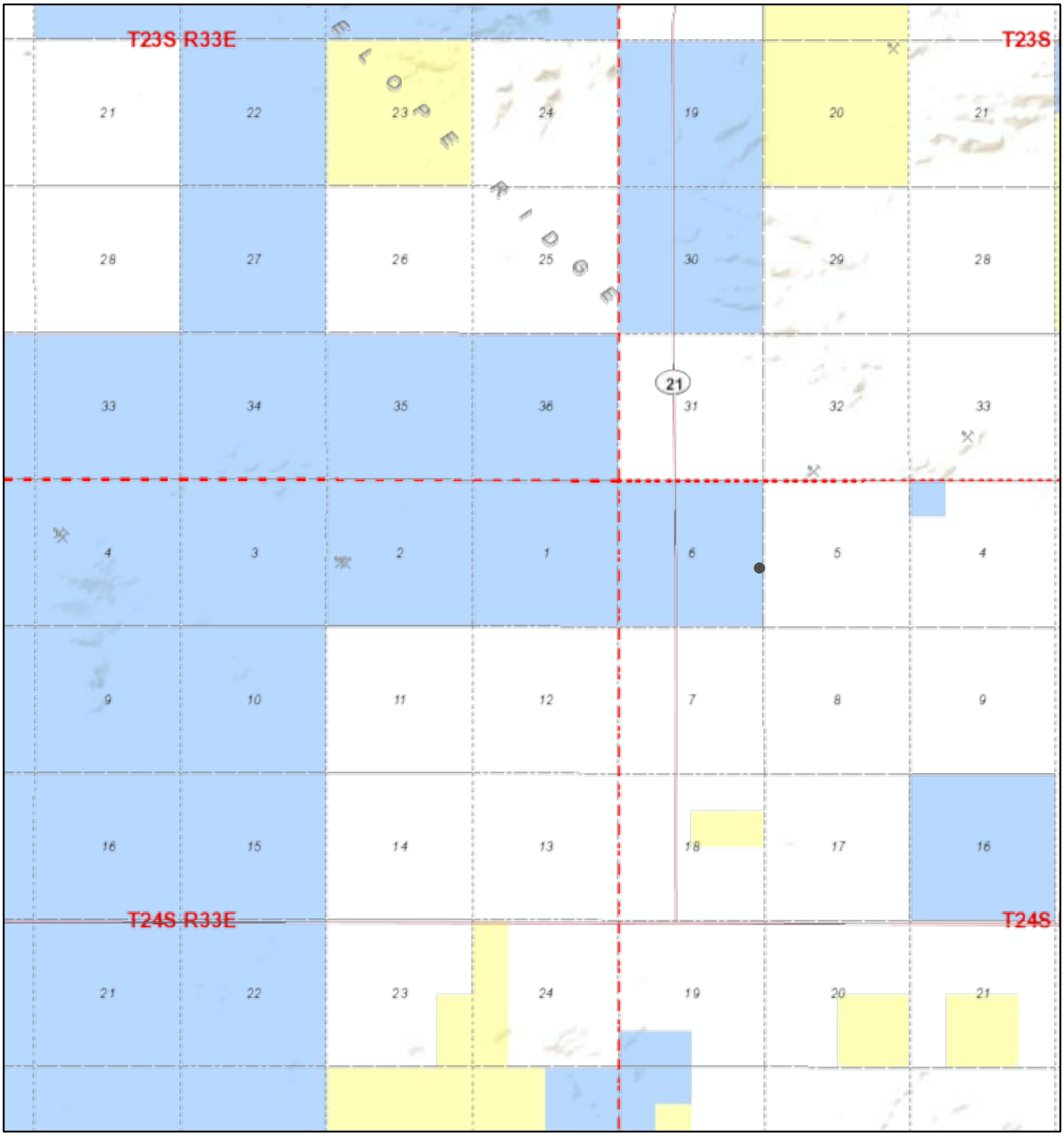
Wetlands

- 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.

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

Active Mines Near South Bell Lake Unit 263H



9/1/2020, 1:47:41 PM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Registered Mines

Aggregate, Stone etc.

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

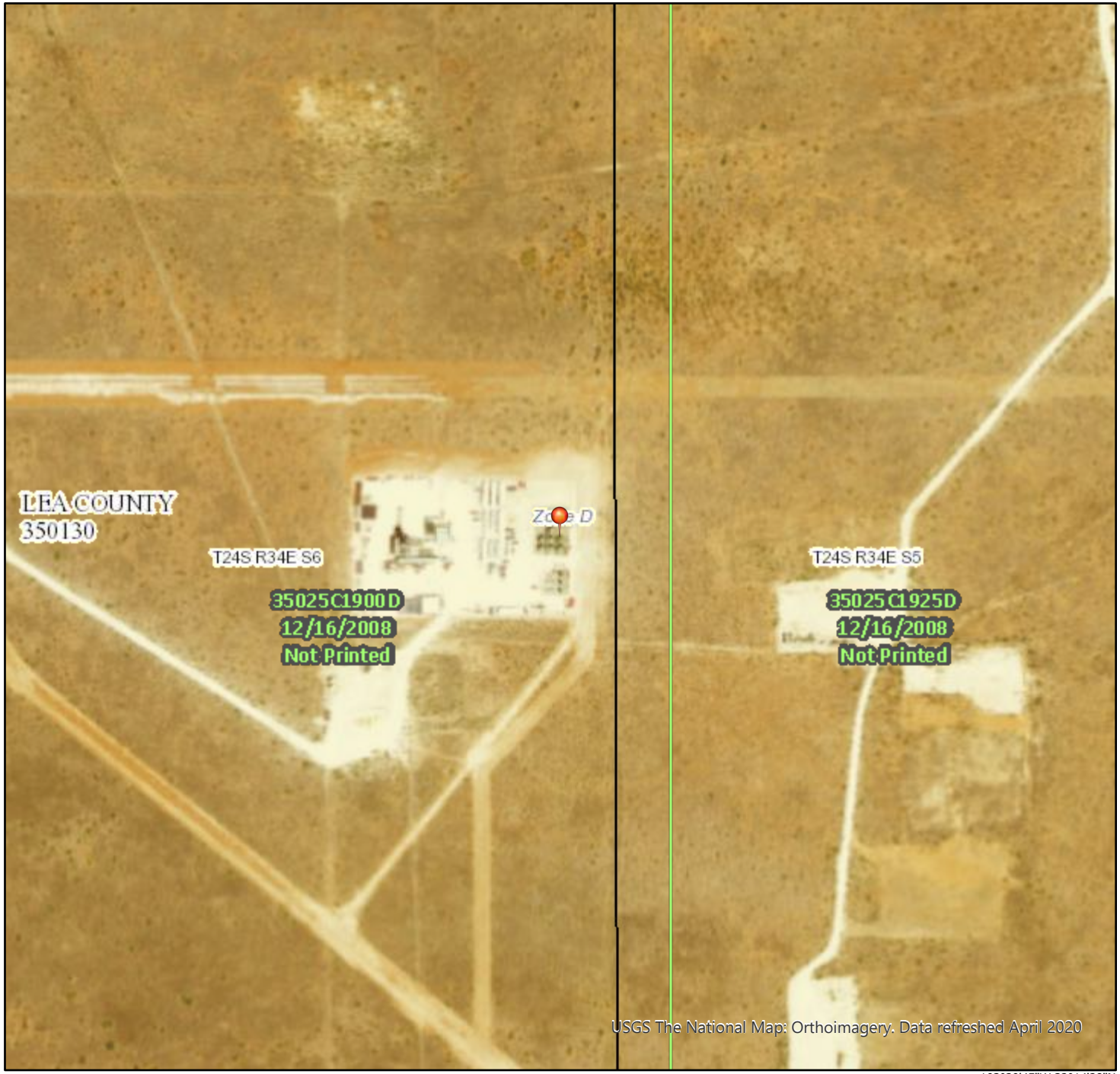
EMNRD MMD GIS Coordinator

New Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

National Flood Hazard Layer FIRMette

FEMA

103°30'22"W 32°14'58"N



103°29'45"W 32°14'28"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

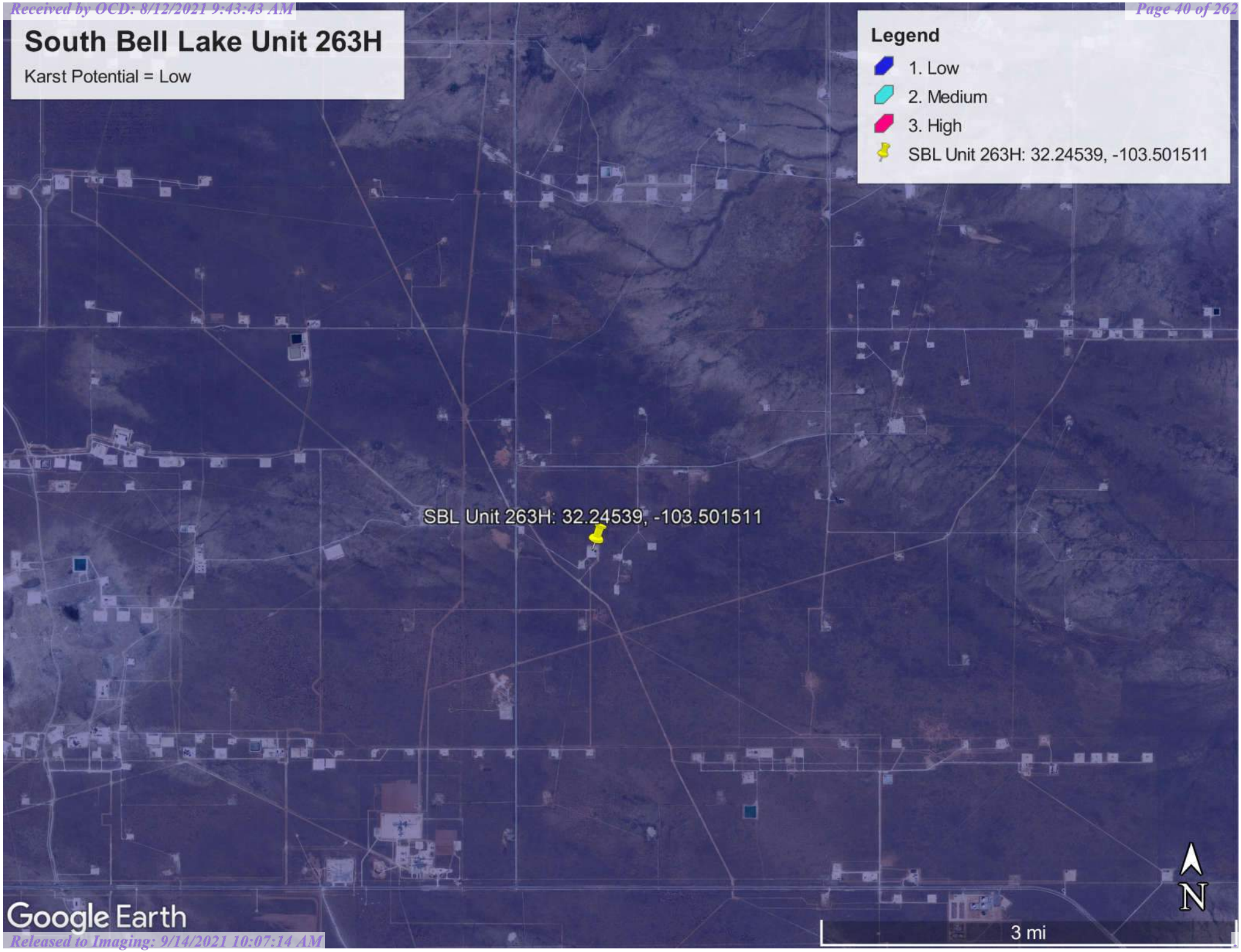
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/27/2020 at 2:43 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Attachment D

Karst Map


South Bell Lake Unit 263H
Karst Potential = Low
Legend
1. Low
2. Medium
3. High
SBL Unit 263H: 32.24539, -103.501511
SBL Unit 263H: 32.24539, -103.501511
Google Earth
3 mi
N

Attachment E

USDA Soil Resource Report - South Bell Lake Unit 263H

United States Department of Agriculture

NRCS

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

July 26, 2021

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.

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Contents

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.

Custom Soil Resource Report
Soil Map

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

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.

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)

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.

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 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

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

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Attachment F

Hall Laboratory Analysis Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

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

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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	110	60		mg/Kg	20	8/29/2020 3:23:21 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						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						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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 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 SHORT 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 RANGE						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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)	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 SHORT 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: GASOLINE 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
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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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)	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 SHORT 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: GASOLINE 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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2008C40**
Date Reported: **8/31/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Client Sample ID: BH04-0'
Project: SBL Unit 263H-6.28.2020 Spill
Collection Date: 8/20/2020 2:10:00 PM
Lab ID: 2008C40-007 **Matrix:** SOIL **Received Date:** 8/22/2020 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 5:26:46 PM
EPA METHOD 8260B: VOLATILES SHORT 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
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	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 METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/25/2020 11:37:27 PM
Surr: 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
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

Analytical Report
Lab Order **2008C40**
Date Reported: **8/31/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Client Sample ID: BH06-6'
Project: SBL Unit 263H-6.28.2020 Spill
Collection Date: 8/20/2020 4:15:00 PM
Lab ID: 2008C40-012 **Matrix:** SOIL
Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 2:34:49 PM
EPA METHOD 8260B: VOLATILES SHORT 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: GASOLINE 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.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

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

Analyses	Result	RL	Qual	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 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	82	60		mg/Kg	20	8/29/2020 3:12:02 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.024		mg/Kg	1	8/26/2020 2:34:48 AM
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	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	4.8		mg/Kg	1	8/26/2020 2:34:48 AM
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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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 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		mg/Kg	20	8/29/2020 3:24:26 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	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
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	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 METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline 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
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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 3:49:15 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						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 RANGE						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 4:01:39 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						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 RANGE						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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 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

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**
31-Aug-20

Client: Wescom Inc
Project: SBL 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: **lcs** 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: **lcs** 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** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **54781** RunNo: **71481**
Prep Date: **8/29/2020** Analysis Date: **8/29/2020** SeqNo: **2496085** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**
31-Aug-20

Client: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **2008C40-016AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BG01-0'** Batch ID: **54670** RunNo: **71390**
Prep Date: **8/25/2020** Analysis Date: **8/26/2020** SeqNo: **2491969** Units: **mg/Kg**

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: **2008C40-016AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BG01-0'** Batch ID: **54670** RunNo: **71390**
Prep Date: **8/25/2020** Analysis Date: **8/26/2020** SeqNo: **2491970** Units: **mg/Kg**

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** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **54660** RunNo: **71390**
Prep Date: **8/25/2020** Analysis Date: **8/26/2020** SeqNo: **2492005** Units: **mg/Kg**

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** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **54670** RunNo: **71390**
Prep Date: **8/25/2020** Analysis Date: **8/26/2020** SeqNo: **2492006** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP	4.1		5.000		81.6	30.4	154			

Sample ID: **MB-54660** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **54660** RunNo: **71390**
Prep Date: **8/25/2020** Analysis Date: **8/26/2020** SeqNo: **2492009** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.0		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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**
31-Aug-20

Client: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **MB-54670** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **54670** RunNo: **71390**
Prep Date: **8/25/2020** Analysis Date: **8/26/2020** SeqNo: **2492010** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.1	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**
31-Aug-20

Client: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **lcs-54639** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** 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** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490369** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.8	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.7	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		93.6	70	130			
Surr: Toluene-d8	0.48		0.5000		95.7	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**
31-Aug-20

Client: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **lcs-54639** SampType: **LCS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490400** Units: **mg/Kg**

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** SampType: **MBLK** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490401** 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	480		500.0		95.7	70	130			

Sample ID: **2008c40-001ams** SampType: **MS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **BH01-0'** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490559** Units: **mg/Kg**

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: **2008c40-001amsd** SampType: **MSD** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **BH01-0'** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490560** Units: **mg/Kg**

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	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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Wescom Inc | Work Order Number: 2008C40 | RcptNo: 1

Received By: Juan Rojas 8/22/2020 8:50:00 AM

Completed By: Juan Rojas 8/22/2020 9:17:24 AM

Reviewed By:

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 8/22/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

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

Chain-of-Custody Record

Client: Wescom, Inc.

Mailing Address: 1224 Standpipe Rd Carlsbad, NM 88220

Phone #: 575 840 3940

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day
☒ Standard ☐ Rush

Project Name: SBL Unit 263H - 6.28.2020 Spill

Project #:

Project Manager: Shar Harvester
shar.harvester@wescominc.com

Sampler: Shar Harveste / Ashley Gravey

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 0.4-0=0.4 (°C) 0.3-0=0.3

HEAL No. 7008040

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8/20	10:30	S	BH01-0'	1 Jar	Ice	-001	X	X					X			
8/20	12:01 pm	S	BH01-8'			-002	X	X					X			
8/20	11:00	S	BH02-0'			-003	X	X					X			
8/20	11:17	S	BH02-6'			-004	X	X					X			
8/20	12:40 pm	S	BH03-0'			-005	X	X					X			
8/20	13:00	S	BH03-5'			-006	X	X					X			
8/20	14:10	S	BH04-0'			-007	X	X					X			
8/20	14:30	S	BH04-6'			-008	X	X					X			
8/20	15:30	S	BH05-0'			-009	X	X					X			
8/20	15:46	S	BH05-6'			-010	X	X					X			
8/20	16:00	S	BH06-0'			-011	X	X					X			
8/20	16:15	S	BH06-6'			-012	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
8/21/20	1045				8/21/20	1045
8/21/20	1900		courier		8/22/20	8:50

Remarks:

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.

Chain-of-Custody Record

Client: Wescom Inc.

Mailing Address: 1224 Standpipe Rd Carlsbad, N.M. 88220

Phone #: 575-840-3940

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5day
☑ Standard ☐ Rush

Project Name: SBL Unit 263H - 6.28.2020 spill

Project #:

Project Manager: Shar Harvester shar.harvester@wescominc.com

Sampler: Shar Harvester/Ashley Giovanello

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 0.4-0=0.4 (°C) 0.3-0=0.3

HEAL No. 2008640

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8/20	15:15	S	BH07 - 0'	1 jar	Ice	-013	X	X					X			
8/20	15:00	S	BH08 - 0'			-014	X	X					X			
8/20	15:20	S	BH09 - 0'			-015	X	X					X			
8/20	17:00	S	BG01 - 0'			-016	X	X					X			
8/20	17:10	S	BG01 - 6'			-017	X	X					X			
8/20	17:20	S	BG01 - 8'			-018	X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
8/21/20	1045				8/21/20	1045
8/21/20	1900	A Cummings		courier	8/22/20	8:50

Remarks:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

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

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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2106815**
Date Reported: **6/22/2021**

CLIENT: Wescom Inc
Client Sample ID: HBH01-01 6.5'
Project: SB2 Unit 263H
Collection Date: 6/15/2021 10:53:00 AM
Lab ID: 2106815-001
Matrix: MEOH (SOIL)
Received Date: 6/16/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						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

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

Qualifiers:

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

Analytical Report
Lab Order **2106815**
Date Reported: **6/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Client Sample ID: HBH01-05 27-29'
Project: SB2 Unit 263H
Collection Date: 6/15/2021 1:05:00 PM
Lab ID: 2106815-002 **Matrix:** MEOH (SOIL) **Received Date:** 6/16/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/16/2021 10:40:56 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/16/2021 10:40:56 AM
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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2106815**
Date Reported: **6/22/2021**

Hall Environmental Analysis Laboratory, Inc.

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	Qual	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 LIST						Analyst: **JMR**
Benzene	ND	1.0	P	µg/L	1	6/16/2021 1:59:23 PM
Toluene	ND	1.0	P	µg/L	1	6/16/2021 1:59:23 PM
Ethylbenzene	ND	1.0	P	µg/L	1	6/16/2021 1:59:23 PM
Xylenes, Total	ND	1.5	P	µg/L	1	6/16/2021 1:59:23 PM
Surr: 4-Bromofluorobenzene	99.3	70-130	P	%Rec	1	6/16/2021 1:59:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	0.050	P	mg/L	1	6/16/2021 1:59:23 PM
Surr: 4-Bromofluorobenzene	99.1	70-130	P	%Rec	1	6/16/2021 1:59:23 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2106815**
Date Reported: **6/22/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Client Sample ID: HBH01-07 59-61'
Project: SB2 Unit 263H
Collection Date: 6/15/2021 2:00:00 PM
Lab ID: 2106815-004 **Matrix:** MEOH (SOIL) **Received Date:** 6/16/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	5.0		mg/Kg	1	6/16/2021 9:51:43 AM
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	1	6/16/2021 9:51:43 AM
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
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	6/16/2021 9:25:17 AM

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **MB-60667**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **60667**	RunNo: **79104**							
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2777576**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-60667**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **60667**	RunNo: **79104**							
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2777578**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.7	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**

22-Jun-21

Client: Wescom Inc

Project: 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: **lcs**	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **MB-60668**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **60668**	RunNo: **79110**
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2776846** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		85.4	70	130			

Sample ID: **LCS-60668**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **60668**	RunNo: **79110**
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2776847** Units: **mg/Kg**

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**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **HBH01-01 6.5'**	Batch ID: **60668**	RunNo: **79110**
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2776851** Units: **mg/Kg**

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: **2106815-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **HBH01-01 6.5'**	Batch ID: **60668**	RunNo: **79110**
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2776852** Units: **mg/Kg**

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **MB-60669**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range**
Client ID: **PBW**	Batch ID: **60669**	RunNo: **79088**
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2777043** 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**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range**
Client ID: **LCSW**	Batch ID: **60669**	RunNo: **79088**
Prep Date: **6/16/2021**	Analysis Date: **6/16/2021**	SeqNo: **2777052** 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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **G79119**	RunNo: **79119**
Prep Date:	Analysis Date: **6/16/2021**	SeqNo: **2777461** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **G79119**	RunNo: **79119**
Prep Date:	Analysis Date: **6/16/2021**	SeqNo: **2777462** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **B79119**	RunNo: **79119**
Prep Date:	Analysis Date: **6/16/2021**	SeqNo: **2777494** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.96		1.000		95.6	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **B79119**	RunNo: **79119**
Prep Date:	Analysis Date: **6/16/2021**	SeqNo: **2777495** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.2	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.1	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **A79124** RunNo: **79124**
Prep Date: Analysis Date: **6/16/2021** SeqNo: **2777227** 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** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW** Batch ID: **A79124** RunNo: **79124**
Prep Date: Analysis Date: **6/16/2021** SeqNo: **2777228** 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								
Xylenes, 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** SampType: **MS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **Water Tank** Batch ID: **A79124** RunNo: **79124**
Prep Date: Analysis Date: **6/16/2021** SeqNo: **2777997** 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	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: **2106815-003amsd** SampType: **MSD** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **Water Tank** Batch ID: **A79124** RunNo: **79124**
Prep Date: Analysis Date: **6/16/2021** SeqNo: **2777998** 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

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **2106815-003amsd** SampType: **MSD** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **Water Tank** Batch ID: **A79124** RunNo: **79124**
Prep Date: Analysis Date: **6/16/2021** SeqNo: **2777998** 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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106815**
22-Jun-21

Client: Wescom Inc
Project: SB2 Unit 263H

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSW**	Batch ID: **B79124**	RunNo: **79124**
Prep Date:	Analysis Date: **6/16/2021**	SeqNo: **2777236** 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**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBW**	Batch ID: **B79124**	RunNo: **79124**
Prep Date:	Analysis Date: **6/16/2021**	SeqNo: **2777237** 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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Wescom Inc** Work Order Number: **2106815** RcptNo: **1**

Received By: **Juan Rojas** **6/16/2021 7:35:00 AM**

Completed By: **Cheyenne Cason** **6/16/2021 7:47:37 AM**

Reviewed By: SGL 6/16/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: YR 6/16/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good				

Chain-of-Custody Record

Client: Wescom Inc.

Mailing Address: 1224 Standpipe Rd

Phone #: 218-355-8047

email or Fax#: shar.harvester@wescominc.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush same day

Project Name: SBL unit 203H

Project #:

Project Manager: Shar Harvester

Sampler: SH

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.8-0.1=0.7 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
6/15/21	10:53	soil	HBH01-01 6.5'	4oz gl	ice	2106815	X	X					X			
	13:05		HBH01-05 27-29'				X	X					X			
	14:00	water	water Tank	var. 5	ice/HCl		X	X					X			
	14:00	soil	HBH01-07 59-61'	4oz g	ice		X	X					X			
	per	sample	bottle JR 6/16/21													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/15/21	1600				6/15/21	1600
6/15/21	1900			Courier	6/16/21	7:35

Remarks: Also cc: Charles1@Kfoc.net

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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 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

Analyses	Result	RL	Qual	Units	DF	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	3.6		mg/Kg	1	10/21/2020 3:17:29 PM
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	1	10/21/2020 3:17:29 PM
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	100	60		mg/Kg	20	10/21/2020 7:45:09 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	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	30.4-154		%Rec	1	10/22/2020 10:45:05 AM
EPA METHOD 8015D: GASOLINE RANGE						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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

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

Analyses	Result	RL	Qual	Units	DF	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	4.7		mg/Kg	1	10/22/2020 11:57:00 AM
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	1	10/22/2020 11:57:00 AM
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
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	10/22/2020 11:57:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	110	60		mg/Kg	20	10/23/2020 1:30:49 AM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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 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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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						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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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 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	4.9		mg/Kg	1	10/22/2020 3:53:46 PM
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	1	10/22/2020 3:53:46 PM
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
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	10/22/2020 3:53:46 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	10/22/2020 11:01:55 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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						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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
Client Sample ID: BH04 2'
Project: SBL Unit 263H 6 28 2020 Spill
Collection Date: 10/20/2020 10:51:00 AM
Lab ID: 2010951-020 **Matrix:** SOIL
Received Date: 10/21/2020 8:00:00 AM

Analyses	Result	RL	Qual	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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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						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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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
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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 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: **lcs**	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: **lcs**	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: **2010951-004AMSD**	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
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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **LCS-55975**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **55975**	RunNo: **72886**
Prep Date: **10/22/2020**	Analysis Date: **10/23/2020**	SeqNo: **2563321** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: **2010951-002AMSD**	SampType: **msd**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BH01 1'**	Batch ID: **55975**	RunNo: **72886**
Prep Date: **10/22/2020**	Analysis Date: **10/23/2020**	SeqNo: **2563336** Units: **mg/Kg**

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
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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BH01 0'** Batch ID: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559390** Units: **mg/Kg**

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: **2010951-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BH01 0'** Batch ID: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559391** Units: **mg/Kg**

Analyte	Result	PQL	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: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559394** Units: **mg/Kg**

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: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559395** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	30.4	154			

Sample ID: **LCS-55951** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **55951** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2560727** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	70	130			
Surr: DNOP	5.6		5.000		112	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **LCS-55957** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **55957** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2560728** Units: **mg/Kg**

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: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **55959** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2560729** Units: **mg/Kg**

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: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55951** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2560730** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		96.8	30.4	154			

Sample ID: **MB-55957** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55957** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2560731** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	13		10.00		131	30.4	154			

Sample ID: **MB-55959** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55959** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2560732** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-002AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BH01 1'** Batch ID: **55951** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2561030** Units: **mg/Kg**

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: **2010951-002AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BH01 1'** Batch ID: **55951** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2561031** Units: **mg/Kg**

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
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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **mb1**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **G72826**	RunNo: **72826**							
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559456**	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	990		1000		99.3	75.3	105			

Sample ID: **2.5ug gro lcs**	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	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.8	72.5	106			
Surr: BFB	1100		1000		110	75.3	105			S

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	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: **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	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: **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	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: **2010951-004amsd**	SampType: **MSD**	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: **2561753**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-004amsd**	SampType: **MSD**	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: **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: **lcs-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			

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **mb1**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559473** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559474** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	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**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **BH01 1'**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559477** Units: **mg/Kg**

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-Bromofluorobenzene	0.83		0.7994		104	80	120			

Sample ID: **2010951-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **BH01 1'**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559478** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	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-Bromofluorobenzene	0.86		0.7994		108	80	120	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-005ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **BH01 4'** Batch ID: **55952** RunNo: **72878**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2561891** Units: **mg/Kg**

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-Bromofluorobenzene	1.0		0.9823		101	80	120			

Sample ID: **2010951-005amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **BH01 4'** Batch ID: **55952** RunNo: **72878**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2561892** Units: **mg/Kg**

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** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **55952** RunNo: **72878**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2561934** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.1	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-Bromofluorobenzene	1.0		1.000		104	80	120			

Sample ID: **mb-55952** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **55952** RunNo: **72878**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2561936** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Wescom Inc** Work Order Number: **2010951** RcptNo: **1**

Received By: **Cheyenne Cason** **10/21/2020 8:00:00 AM**

Completed By: **Desiree Dominguez** **10/21/2020 8:22:15 AM** DD

Reviewed By: CM 10/21/20 CM 10/21/20

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: JR 10/21/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.4	Good	Not Present			
2	0.4	Good	Not Present			
3	1.9	Good	Not Present			

Chain-of-Custody Record

Client: WESCOM INC.

Mailing Address: 1224 STANDIFERD CARLSBAD NM 88220

Phone #: 575-840-2940

email or Fax#: ~~SHARVESTER~~

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☑ Rush 48 HR

Project Name: SBL Unit 2634-6 2H 2020 Spill

Project #:

Project Manager: SHAR HARVESTER

SHAR.HARVESTER@WESCOMINC.COM

Sampler: ASHLEY GLOVENGO

On Ice: ☑ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Bottom (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2010951	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/20	9:30	S	BH01 0'	JAR 1	Ice	001	X	X					X			
10/20	9:32	S	BH01 1'	JAR 1	ice	002	X	X					X			
10/20	9:35	S	BH01 2'	JAR 1	ice	003	X	X					X			
10/20	9:38	S	BH01 3'	JAR 1	ice	004	X	X					X			
10/20	9:45	S	BH01 4'	JAR 1	ice	005	X	X					X			
10/20	9:50	S	BH01 5'	JAR 1	ice	006	X	X					X			
10/20	9:55	S	BH01 6'	JAR 1	ice	007	X	X					X			
10/20	10:00	S	BH01 7'	JAR 1	ice	008	X	X					X			
10/20	10:05	S	BH01 8'	JAR 1	ice	009	X	X					X			
											Analyze all samples per Shar 8/4/2021					

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
10/20	1:56pm				10/20/20	1700
10/20/20	1900				10/21/20	0800

Remarks: Run 0' sample 1st if ≥ 100 ppm TPH or ≥ 50 ppm BTEX, Run next depth 0.4±0=0.4, 0.4±0=0.4, 1.4±0=1.4

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.

Chain-of-Custody Record

Client: Wescom Inc.

Mailing Address: 1224 Standpipe Rd Carlsbad NM 88220

Phone #: 575-840-2940

email or Fax#: shar.harvester@wescominc.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48 HR

Project Name: SBL Unit 2631H-6 28 2020 spill

Project #:

Project Manager: Shar Harvester.

Sampler: Ashley Giovengo

On Ice: ☒ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Remark (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2010951	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/20	11:38	S	BH03 0'	JAR	ICE	010	X	X					X			
10/20	11:40	S	BH03 1'	JAR	ICE	011	X	X					X			
10/20	11:44	S	BH03 2'	JAR	ICE	012	X	X					X			
10/20	11:46	S	BH03 3'	JAR	ICE	013	X	X					X			
10/20	11:48	S	BH03 4'	JAR	ICE	014	X	X					X			
10/20	11:53	S	BH03 5'	JAR	ICE	015	X	X					X			
10/20	11:55	S	BH03 6'	JAR	ICE	016	X	X					X			
10/20	12:10	S	BH03 7'	JAR	ICE	017	X	X					X			
10/20		S	BH03 8'	JAR	ICE	018	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
10/20	1:56pm				10/20/20	1400
10/20/20	1900					

Remarks:
RUN 0' SAMPLE 1st; IF ≥ 100ppm TPH and/or ≥ 50 ppm BTEX, RUN NEXT DEPTH
0.4+0=0.4 1.9+0=1.9
0.4+0=0.4

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.

Chain-of-Custody Record

Client: Wescom Inc

Mailing Address: 1224 StandPipe Rd
Carlsbad NM 88220

Phone #: 575-840-2940

email or Fax#: shar.harvester@wescominc.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48 Hr

Project Name: SBL Unit 263H-6-28-2020 Spill

Project #:

Project Manager: Shar Harvester

Sampler: Ashley Giovengo
On Ice: ☒ Yes ☐ No
# of Coolers: 3
Cooler Temp(including CF): See Rem (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2010951	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
10/20	10:48	S	BH04 0'	JAR 1	ICE	019	X	X					X									
10/20	10:50	S	BH04 1'	JAR 1	ICE	020	X	X					X									
10/20	10:51	S	BH04 2'	JAR 1	ICE	021	X	X					X									
10/20	10:52	S	BH04 3'	JAR 1	ICE	022	X	X					X									
10/20	10:56	S	BH04 4'	JAR 1	ICE	023	X	X					X									
10/20	11:07	S	BH04 5'	JAR 1	ICE	024	X	X					X									
10/20	11:09	S	BH04 6'	JAR 1	ICE	025	X	X					X									
10/20	11:19	S	BH04 7'	JAR 1	ICE	026	X	X					X									
10/20	11:20	S	BH04 8'	JAR 1	ICE	027	X	X					X									

Date	Time	Relinquished by	Received by	Via	Date	Time
10/20	1:56pm	[signature]	10/20/20 [signature]			1400
10/20/20	1900	[signature]	CW Courier		10/21/20	0810

Remarks:
RUN 0' SAMPLE 1ST if Cl > 100ppm
TPH &/or > 50 ppm BTEX, RUN NEXT DEPTH
0.4±0=0.4 0.4±0=0.4 1.9±0=1.9

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.

Attachment G

June 1, 2021 Sample Plan

Wescom Inc.
1224 Standpipe Road
Carlsbad, New Mexico 88220

(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.
5. 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 shar.harvester@wescominc.com.

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 address	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
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

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.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release meets the following criteria: "an unauthorized release of a volume, excluding gases, of 25 barrels or more."

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes. Charles Lock (KFOC – 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.

☒ 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.

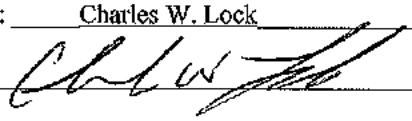
If all the actions described above have not been undertaken, explain why:

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: 7-7-2020

email: charlesl@kfoc.net Telephone: 918-491-437

OCD Only

Received by: Date:

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: EH & S Manager

Signature: Charles W Lock Date: February 19, 2021

email: CharlesL@kfoc.net Telephone: 918-491-4337

OCD Only

Received by: Chad Hensley Date: 09/14/2021

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature: Chad Hensley 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

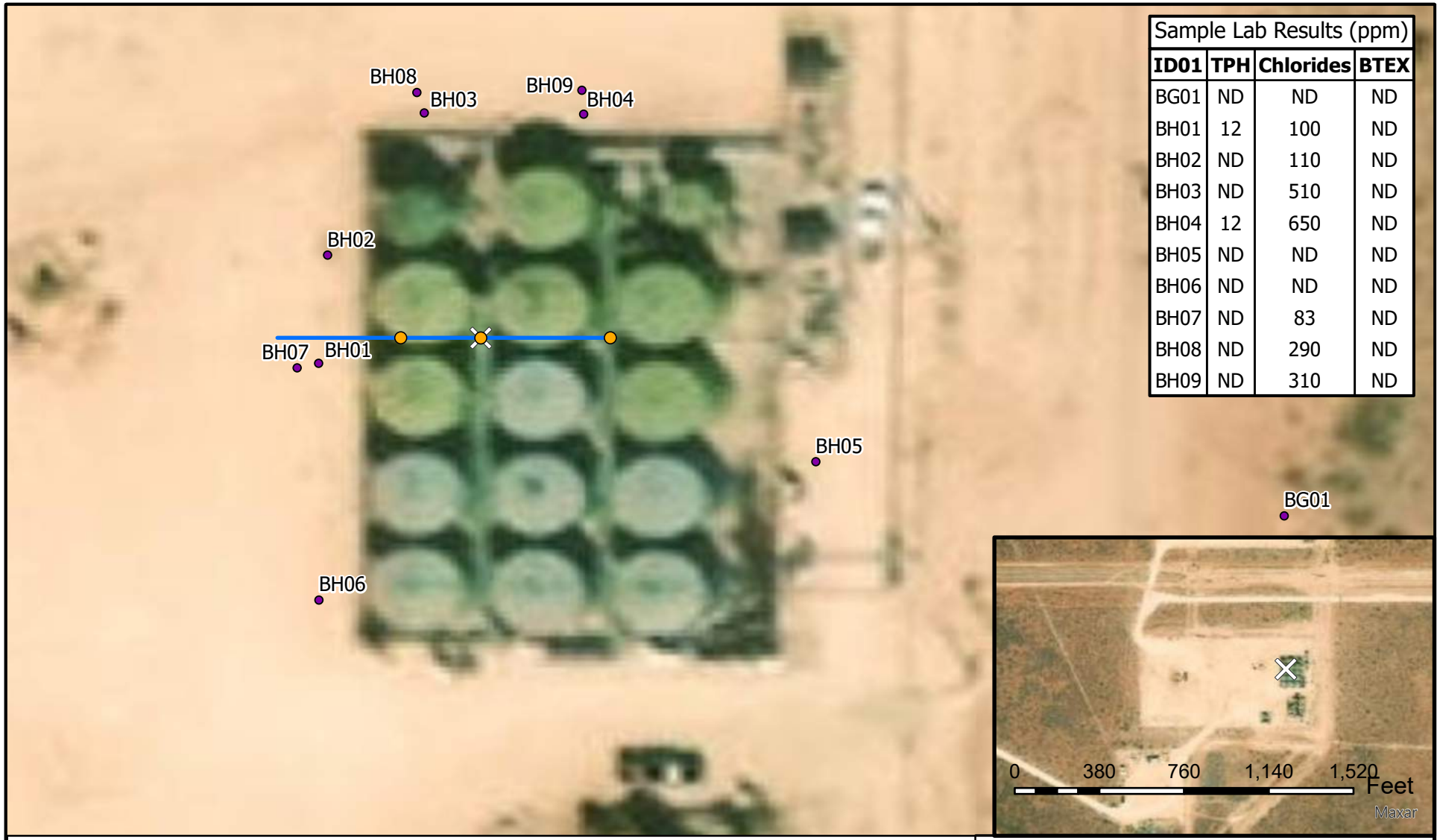
Photo 4. Release Point – from West

Photo 5. Release Point – from East

Photo 6. Breach Point

Attachment C

Figure 1. Proposed Vertical Delineation Sample Points



Sample Lab Results (ppm)			
ID01	**TPH**	**Chlorides**	**BTEX**
BG01	ND	ND	ND
BH01	12	100	ND
BH02	ND	110	ND
BH03	ND	510	ND
BH04	12	650	ND
BH05	ND	ND	ND
BH06	ND	ND	ND
BH07	ND	83	ND
BH08	ND	290	ND
BH09	ND	310	ND

Legend

- Proposed Vertical Delineation Sample Points
- Failed_Liner
- Delineation Sample Points
- Proposed Boreholes - 4 and 10 feet below ground surface

0 25 50 75 100 Feet

N

WESCOM

Figure 1. Proposed Vertical Delineation Samples
Incident ID: NRM2019629912
South Bell Lake Unit 263H API: 30-025-43034
GPS Coordinates: 32.245266, -103.501034
Unit I Sec 6 T24S R34E
Lea County, New Mexico
Kaiser Francis Oil Company

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 $8,307.00

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
O – 575-394-0144

Attachment E

October 26, 2020 Deferral Request

Wescom Inc.
1224 Standpipe Road
Carlsbad, New Mexico 88220

(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).

Wescom Inc.
1224 Standpipe Road
Carlsbad, New Mexico 88220

(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.

Closure Criteria (19.15.29.12.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, whichever is greater	**TPH**	**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**	**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					
< 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				

Wescom Inc.
1224 Standpipe Road
Carlsbad, New Mexico 88220

(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.

Wescom Inc.
1224 Standpipe Road
Carlsbad, New Mexico 88220

(575) 840-3940
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Figures

Tables

Attachments

Figures

Legend

- Sample Location
- Flare Line

0 25 50 100 150 200 Feet

N

Figure 1. Contained Spill Investigation
South Bell Lake Unit 263H
6.28.2020 Spill
Unit I Sec 6 T24S R34E
GPS Coord.: 32.24539, -103.501511
Lea County, New Mexico
Kaiser Francis Oil Company

WESCOM

Tables

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South Bell Lake 263H - 6.28.2020 Spill
Kaiser-francis Oil Company
August 20, 2020

Table 1. Laboratory Analysis Results

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	TPH	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Closure Criteria			**10**	**50**	**2500**	**20000**
Delineation Criteria			**10**	**50**	**100**	**600**
Lab Order: 2008C40 - Hall Environmental Analysis Laboratory						
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

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South Bell Lake 263H - 6.28.2020 Spill
Kaiser-francis Oil Company
October 20, 2020

Table 2. Laboratory Analysis Results

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (feet below ground surface)	Date	Benzene	BTEX (total)	TPH	Chloride
	feet		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Closure Criteria			**10**	**50**	**2500**	**20000**
Delineation Criteria			**10**	**50**	**100**	**600**
Lab Order: 2010951 - Hall Environmental Analysis Laboratory						
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

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South Bell Lake 263H - 6.28.2020 Spill
Kaiser-francis Oil Company
August 20, 2020

Table 3. Field Screening Results

Sample Description				Field Screening		
Sample ID	Time	Depth	Date	Mohr Method (Chlorides)	PID Volatile Organic Compounds	Petroflag
		feet		ppm	ppm	ppm
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	-	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	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	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	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
BH08	15:00	0	8/20/2020	-	0	19
BH09	15:20	0	8/20/2020	-	0.8	19

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South Bell Lake 263H - 6.28.2020 Spill
Kaiser-francis Oil Company
October 20, 2020

Table 4. Field Screening Results

Sample Description				Field Screening		
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 Laboratory						
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

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

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 address	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
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

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.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NRM2019629912
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release meets the following criteria: "an unauthorized release of a volume, excluding gases, of 25 barrels or more."

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes. Charles Lock (KFOC – 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.

☒ 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.

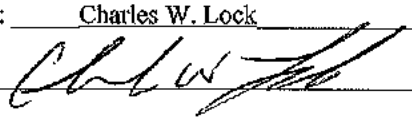
If all the actions described above have not been undertaken, explain why:

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: 7-7-2020

email: charlesl@kfoc.net Telephone: 918-491-437

OCD Only

Received by: Date:

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

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?	340 (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 ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

Form C-141
Page 4

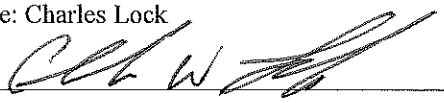
State of New Mexico
Oil Conservation Division

Incident ID	NRM2019629912
District RP	
Facility ID	
Application ID	

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

Printed Name: Charles Lock

Title: EH&S Manager

Signature: 

Date: 11-6-2020

email: charlesl@kfoc.net

Telephone: 918-491-4337

OCD Only

Received by: _____

Date: _____

Attachment B

Closure Criteria Research

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
2215A	C 04282 POD1	1	2	1	05	24S	34E	641662	3569541

Driller License:	1641	**Driller Company:**	A & K WATER WELL DRILLING		
Driller Name:	GLASSPOOLE, KRISTOPHER L.NER				
Drill Start Date:	11/19/2018	**Drill Finish Date:**	11/23/2018	**Plug Date:**	
Log File Date:	03/27/2020	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	50 GPM
Casing Size:	6.00	**Depth Well:**	574 feet	**Depth Water:**	390 feet

Water Bearing Stratifications:	Top	Bottom	Description
	385	490	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	390	574

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)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04282 POD1	C	LE	1	2	1	05	24S	34E	641662	3569541	1044	574	390	184
C 03932 POD3	CUB	LE	4	3	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	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
C 02386	CUB	LE	4	1	2	04	24S	34E	643962	3569290*	2872	575	475	100
C 02397	CUB	LE	4	1	2	04	24S	34E	643962	3569290*	2872	575	475	100
C 03666 POD1	C	LE	2	3	4	13	24S	33E	639132	3565078	4086	650	390	260
C 03917 POD1	C	LE	4	1	3	13	24S	33E	638374	3565212	4407	600	420	180
C 02284	CUB	LE	4	2	4	26	23S	33E	637907	3571626*	4435	325	225	100
C 02282	CUB	LE	3	1	1	25	23S	33E	638098	3572436*	4897	325	225	100

Average Depth to Water: **242 feet**
Minimum Depth: **81 feet**
Maximum Depth: **475 feet**

Record Count: 15

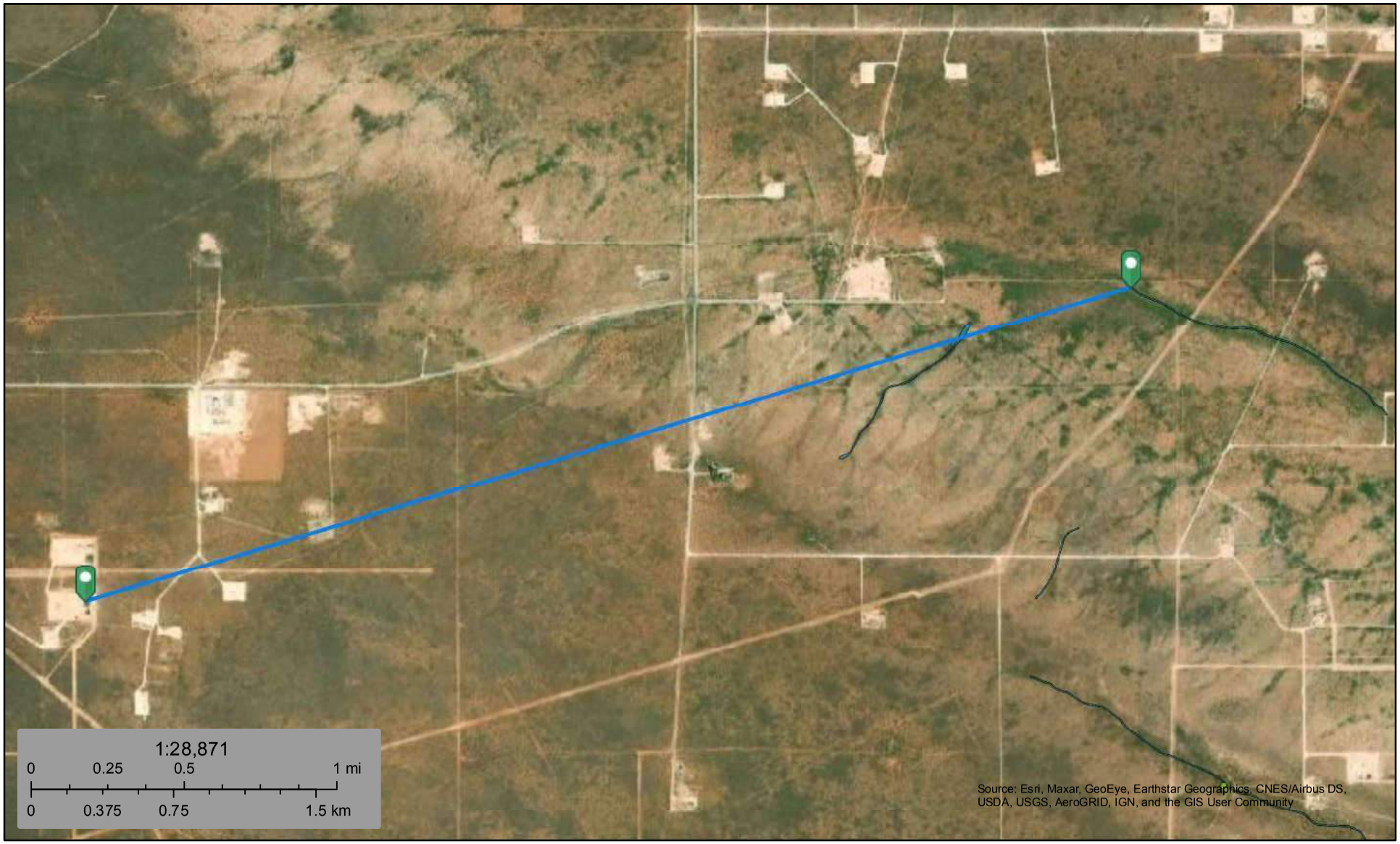
UTMNAD83 Radius Search (in meters):

Easting (X): 641169 **Northing (Y):** 3568620.93 **Radius:** 5000

***UTM location was derived from PLSS - see Help**

U.S. Fish and Wildlife Service
National Wetlands Inventory

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.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

SBL Unit 263H - Pond 13,191.2 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.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

SBL Unit 263H - Wetland 4,872.8 ft

August 27, 2020

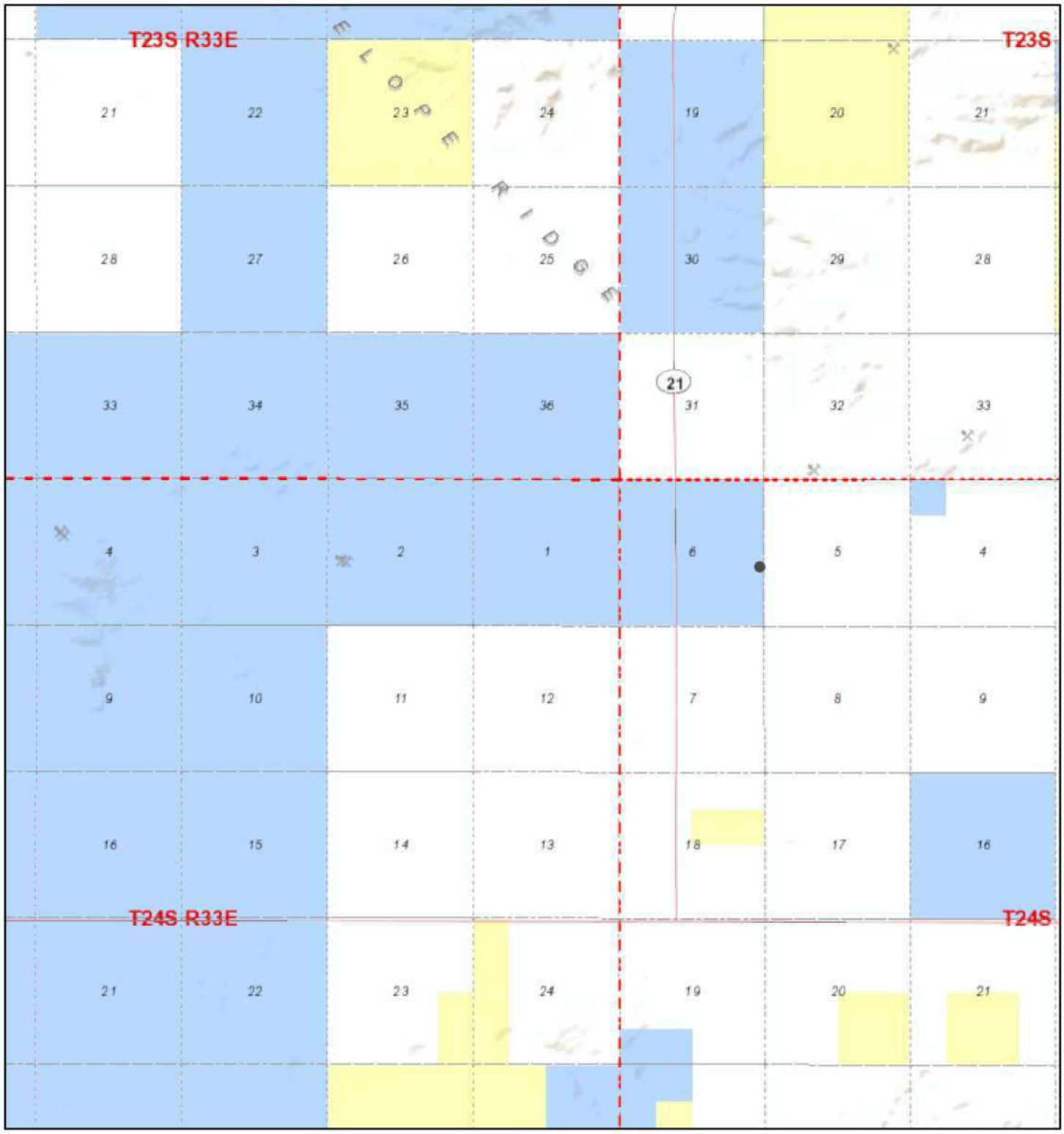
Wetlands

- 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.

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

Active Mines Near South Bell Lake Unit 263H



9/1/2020, 1:47:41 PM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Registered Mines

Aggregate, Stone etc.

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

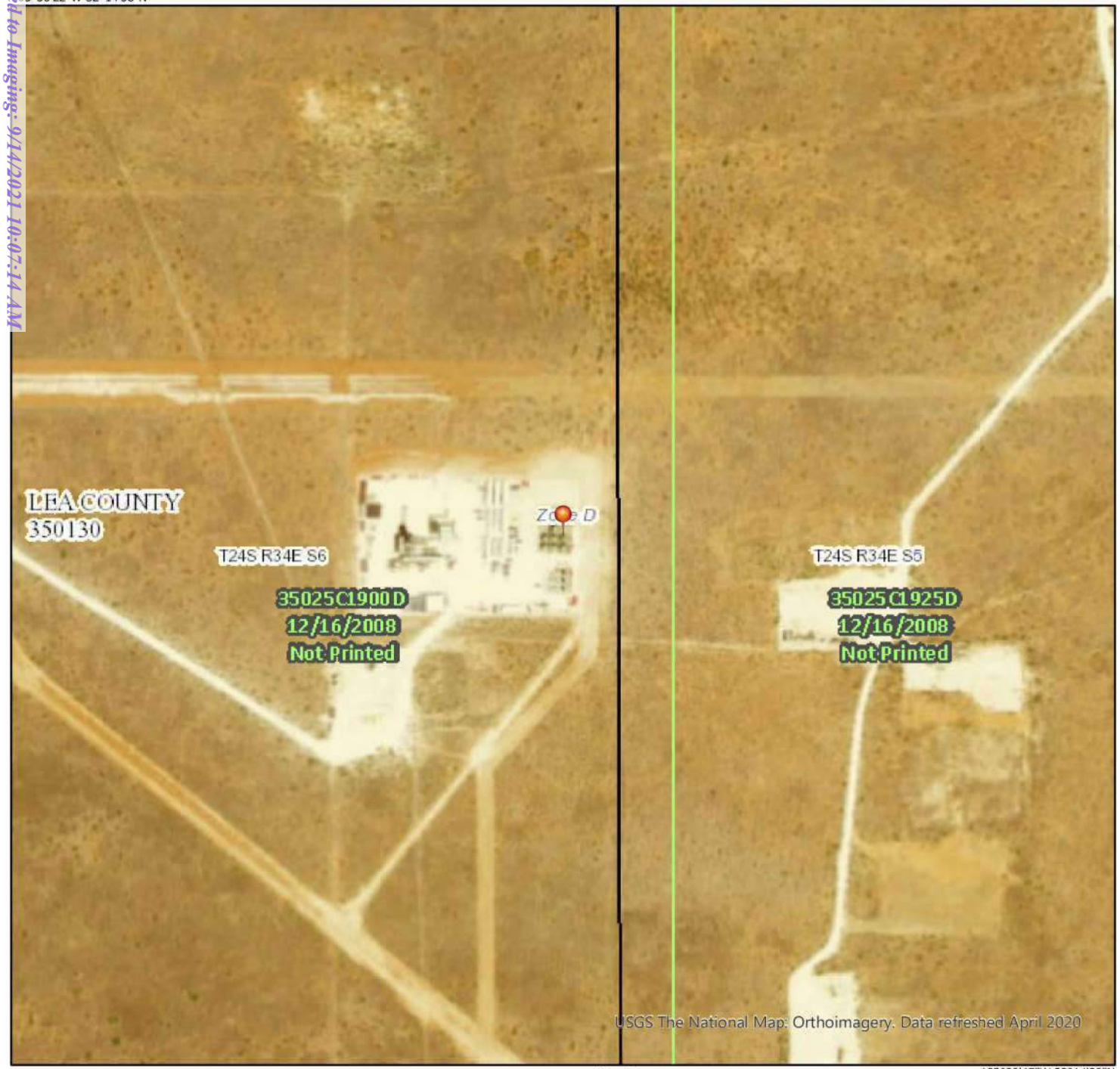
EMNRD MMD GIS Coordinator

New Mexico Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

National Flood Hazard Layer FIRMette

FEMA

103°30'22"W 32°14'58"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°29'45"W 32°14'28"N

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, A*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, A of 1% annual chance flood with avera depth less than one foot or with drain areas of less than one square mile *Zo*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zon*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

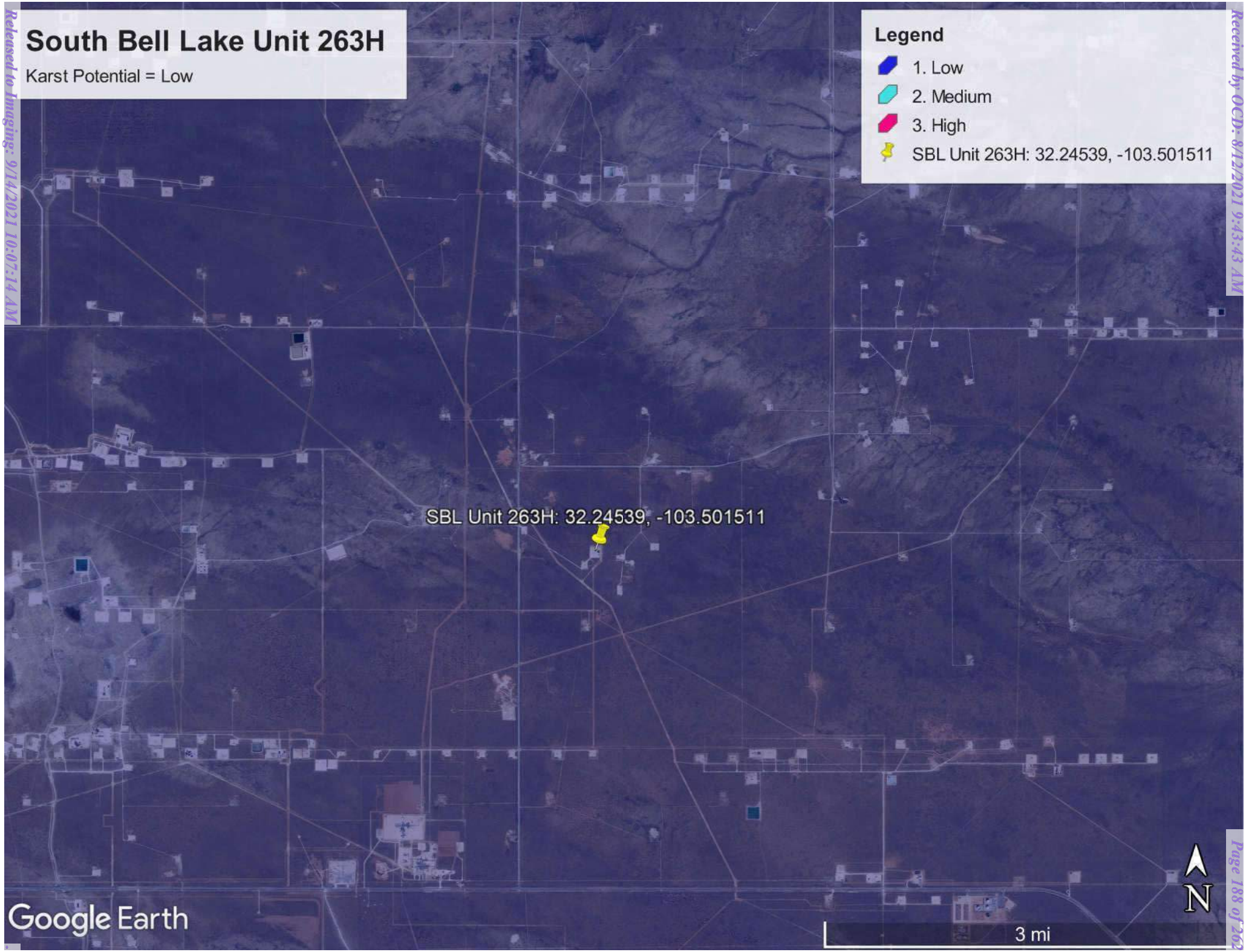
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/27/2020 at 2:43 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Attachment C

Karst Map



Attachment D

Hall Laboratory Analysis Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

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

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 Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		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

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

Analytical Report
Lab Order **2008C40**
Date Reported: **8/31/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill
Lab ID: 2008C40-003 **Matrix:** SOIL

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	Qual	Units	DF	Date Analyzed
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	110	60		mg/Kg	20	8/29/2020 3:23:21 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						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						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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 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 SHORT 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 RANGE						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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)	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 SHORT 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: GASOLINE 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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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)	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 SHORT 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: GASOLINE 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

Analytical Report
Lab Order **2008C40**
Date Reported: **8/31/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Client Sample ID: BH04-0'
Project: SBL Unit 263H-6.28.2020 Spill
Collection Date: 8/20/2020 2:10:00 PM
Lab ID: 2008C40-007 **Matrix:** SOIL
Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 5:26:46 PM
EPA METHOD 8260B: VOLATILES SHORT 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
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	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 METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/25/2020 11:37:27 PM
Surr: 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
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

Analytical Report
Lab Order **2008C40**
Date Reported: **8/31/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Client Sample ID: BH06-6'
Project: SBL Unit 263H-6.28.2020 Spill
Collection Date: 8/20/2020 4:15:00 PM
Lab ID: 2008C40-012 **Matrix:** SOIL
Received Date: 8/22/2020 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 2:34:49 PM
EPA METHOD 8260B: VOLATILES SHORT 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: GASOLINE 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
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

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

Analyses	Result	RL	Qual	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 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	82	60		mg/Kg	20	8/29/2020 3:12:02 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.024		mg/Kg	1	8/26/2020 2:34:48 AM
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	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	4.8		mg/Kg	1	8/26/2020 2:34:48 AM
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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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 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		mg/Kg	20	8/29/2020 3:24:26 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	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
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	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 METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline 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
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

Analytical Report
Lab Order **2008C40**
Date Reported: **8/31/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill
Lab ID: 2008C40-015 **Matrix:** SOIL

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	Qual	Units	DF	Date Analyzed
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	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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 3:49:15 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						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 RANGE						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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		mg/Kg	20	8/29/2020 4:01:39 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						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 RANGE						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

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

Analytical Report
Lab Order **2008C40**
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

Analyses	Result	RL	Qual	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 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

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**

31-Aug-20

Client: Wescom Inc

Project: SBL 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: **lcs**	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: **lcs**	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**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **54781**	RunNo: **71481**							
Prep Date: **8/29/2020**	Analysis Date: **8/29/2020**	SeqNo: **2496085**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**

31-Aug-20

Client: Wescom Inc

Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **2008C40-016AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BG01-0'**	Batch ID: **54670**	RunNo: **71390**
Prep Date: **8/25/2020**	Analysis Date: **8/26/2020**	SeqNo: **2491969** Units: **mg/Kg**

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: **2008C40-016AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BG01-0'**	Batch ID: **54670**	RunNo: **71390**
Prep Date: **8/25/2020**	Analysis Date: **8/26/2020**	SeqNo: **2491970** Units: **mg/Kg**

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**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **54660**	RunNo: **71390**
Prep Date: **8/25/2020**	Analysis Date: **8/26/2020**	SeqNo: **2492005** Units: **mg/Kg**

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**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **54670**	RunNo: **71390**
Prep Date: **8/25/2020**	Analysis Date: **8/26/2020**	SeqNo: **2492006** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP	4.1		5.000		81.6	30.4	154			

Sample ID: **MB-54660**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **54660**	RunNo: **71390**
Prep Date: **8/25/2020**	Analysis Date: **8/26/2020**	SeqNo: **2492009** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.0		10.00		79.6	30.4	154			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**
31-Aug-20

Client: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **MB-54670**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **54670**	RunNo: **71390**
Prep Date: **8/25/2020**	Analysis Date: **8/26/2020**	SeqNo: **2492010** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.1	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**
31-Aug-20

Client: Wescom Inc
Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **lcs-54639** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** 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** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490369** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.8	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.7	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		93.6	70	130			
Surr: Toluene-d8	0.48		0.5000		95.7	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2008C40**

31-Aug-20

Client: Wescom Inc

Project: SBL Unit 263H-6.28.2020 Spill

Sample ID: **lcs-54639** SampType: **LCS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490400** Units: **mg/Kg**

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** SampType: **MBLK** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490401** 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	480		500.0		95.7	70	130			

Sample ID: **2008c40-001ams** SampType: **MS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **BH01-0'** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490559** Units: **mg/Kg**

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: **2008c40-001amsd** SampType: **MSD** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **BH01-0'** Batch ID: **54639** RunNo: **71349**
Prep Date: **8/24/2020** Analysis Date: **8/25/2020** SeqNo: **2490560** Units: **mg/Kg**

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	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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Wescom Inc | Work Order Number: 2008C40 | RcptNo: 1

Received By: Juan Rojas 8/22/2020 8:50:00 AM

Completed By: Juan Rojas 8/22/2020 9:17:24 AM

Reviewed By:

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 8/22/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

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

Chain-of-Custody Record

Client: Wescom, Inc.

Mailing Address: 1224 Standpipe Rd Carlsbad, NM 88220

Phone #: 575 840 3940

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day
☒ Standard ☐ Rush

Project Name: SBL Unit 263H - 6.28.2020 Spill

Project #:

Project Manager: Shar Harvester
shar.harvester@wescominc.com

Sampler: Shar Harveste / Ashley Gravey

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 0.4-0=0.4 (°C) 0.3-0=0.3

HEAL No. 2008040

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8/20	10:30	S	BH01-0'	1 Jar	Ice	-001	X	X					X			
8/20	12:01 pm	S	BH01-8'			-002	X	X					X			
8/20	11:00	S	BH02-0'			-003	X	X					X			
8/20	11:17	S	BH02-6'			-004	X	X					X			
8/20	12:40 pm	S	BH03-0'			-005	X	X					X			
8/20	13:00	S	BH03-5'			-006	X	X					X			
8/20	14:10	S	BH04-0'			-007	X	X					X			
8/20	14:30	S	BH04-6'			-008	X	X					X			
8/20	15:30	S	BH05-0'			-009	X	X					X			
8/20	15:46	S	BH05-6'			-010	X	X					X			
8/20	16:00	S	BH06-0'			-011	X	X					X			
8/20	16:15	S	BH06-6'			-012	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
8/21/20	1045				8/21/20	1045
8/21/20	1900			courier	8/22/20	8:50

Remarks:

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.

Chain-of-Custody Record

Client: Wescom Inc.

Mailing Address: 1224 Standpipe Rd Carlsbad, N.M. 88220

Phone #: 575-840-3940

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5day
☑ Standard ☐ Rush

Project Name: SBL Unit 263H - 6.28.2020 spill

Project #:

Project Manager: Shar Harvester shar.harvester@wescominc.com

Sampler: Shar Harvester / Ashley Giovanello

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 0.4-0=0.4 (°C) 0.3-0=0.3

HEAL No. 2008640

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8/20	15:15	S	BH07 - 0'	1 jar	Ice	-013	X	X					X			
8/20	15:00	S	BH08 - 0'			-014	X	X					X			
8/20	15:20	S	BH09 - 0'			-015	X	X					X			
8/20	17:00	S	BG01 - 0'			-016	X	X					X			
8/20	17:10	S	BG01 - 6'			-017	X	X					X			
8/20	17:20	S	BG01 - 8'			-018	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8/21/20	1045				8/21/20	1045
8/21/20	1900	A Cummings		courier	8/22/20	8:50

Remarks:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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 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

Analyses	Result	RL	Qual	Units	DF	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	3.6		mg/Kg	1	10/21/2020 3:17:29 PM
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	1	10/21/2020 3:17:29 PM
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	100	60		mg/Kg	20	10/21/2020 7:45:09 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	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	30.4-154		%Rec	1	10/22/2020 10:45:05 AM
EPA METHOD 8015D: GASOLINE RANGE						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.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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 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	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

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

Analyses	Result	RL	Qual	Units	DF	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	4.7		mg/Kg	1	10/22/2020 11:57:00 AM
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	1	10/22/2020 11:57:00 AM
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
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	10/22/2020 11:57:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	110	60		mg/Kg	20	10/23/2020 1:30:49 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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 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

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

Qualifiers:

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Qualifiers:

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Qualifiers:

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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						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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	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 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	4.9		mg/Kg	1	10/22/2020 3:53:46 PM
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	1	10/22/2020 3:53:46 PM
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
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	10/22/2020 3:53:46 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	10/22/2020 11:01:55 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
Client Sample ID: BH04 2'
Project: SBL Unit 263H 6 28 2020 Spill
Collection Date: 10/20/2020 10:51:00 AM
Lab ID: 2010951-020 **Matrix:** SOIL
Received Date: 10/21/2020 8:00:00 AM

Analyses	Result	RL	Qual	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
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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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

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

Qualifiers:

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2010951**
Date Reported: **10/28/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WESCOM INC
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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**

28-Oct-20

Client: WESCOM INC

Project: SBL Unit 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: **lcs**	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: **lcs**	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: **2010951-004AMSD**	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
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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**

28-Oct-20

Client: WESCOM INC

Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **LCS-55975**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **55975**	RunNo: **72886**							
Prep Date: **10/22/2020**	Analysis Date: **10/23/2020**	SeqNo: **2563321**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: **2010951-002AMSD**	SampType: **msd**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BH01 1'**	Batch ID: **55975**	RunNo: **72886**							
Prep Date: **10/22/2020**	Analysis Date: **10/23/2020**	SeqNo: **2563336**	Units: **mg/Kg**						
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
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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BH01 0'** Batch ID: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559390** Units: **mg/Kg**

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: **2010951-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BH01 0'** Batch ID: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559391** Units: **mg/Kg**

Analyte	Result	PQL	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: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559394** Units: **mg/Kg**

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: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55940** RunNo: **72804**
Prep Date: **10/21/2020** Analysis Date: **10/21/2020** SeqNo: **2559395** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	30.4	154			

Sample ID: **LCS-55951** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **55951** RunNo: **72857**
Prep Date: **10/21/2020** Analysis Date: **10/22/2020** SeqNo: **2560727** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	70	130			
Surr: DNOP	5.6		5.000		112	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **LCS-55957**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **55957**	RunNo: **72857**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2560728**	Units: **mg/Kg**						
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: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **55959**	RunNo: **72857**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2560729**	Units: **mg/Kg**						
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: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **55951**	RunNo: **72857**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2560730**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		96.8	30.4	154			

Sample ID: **MB-55957**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **55957**	RunNo: **72857**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2560731**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	13		10.00		131	30.4	154			

Sample ID: **MB-55959**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **55959**	RunNo: **72857**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2560732**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**

28-Oct-20

Client: WESCOM INC

Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-002AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **BH01 1'**	Batch ID: **55951**	RunNo: **72857**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2561030**	Units: **mg/Kg**						
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: **2010951-002AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **BH01 1'**	Batch ID: **55951**	RunNo: **72857**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2561031**	Units: **mg/Kg**						
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
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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**

28-Oct-20

Client: WESCOM INC

Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **mb1**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **G72826**	RunNo: **72826**							
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559456**	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	990		1000		99.3	75.3	105			

Sample ID: **2.5ug gro lcs**	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	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.8	72.5	106			
Surr: BFB	1100		1000		110	75.3	105			S

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	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: **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	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: **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	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: **2010951-004amsd**	SampType: **MSD**	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: **2561753**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-004amsd** SampType: **MSD** 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: **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: **lcs-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			

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **mb1**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559473** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559474** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	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**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **BH01 1'**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559477** Units: **mg/Kg**

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-Bromofluorobenzene	0.83		0.7994		104	80	120			

Sample ID: **2010951-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **BH01 1'**	Batch ID: **B72826**	RunNo: **72826**
Prep Date:	Analysis Date: **10/21/2020**	SeqNo: **2559478** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	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-Bromofluorobenzene	0.86		0.7994		108	80	120	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2010951**
28-Oct-20

Client: WESCOM INC
Project: SBL Unit 263H 6 28 2020 Spill

Sample ID: **2010951-005ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **BH01 4'**	Batch ID: **55952**	RunNo: **72878**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2561891**	Units: **mg/Kg**						
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-Bromofluorobenzene	1.0		0.9823		101	80	120			

Sample ID: **2010951-005amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **BH01 4'**	Batch ID: **55952**	RunNo: **72878**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2561892**	Units: **mg/Kg**						
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**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSS**	Batch ID: **55952**	RunNo: **72878**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2561934**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.1	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-Bromofluorobenzene	1.0		1.000		104	80	120			

Sample ID: **mb-55952**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **55952**	RunNo: **72878**							
Prep Date: **10/21/2020**	Analysis Date: **10/22/2020**	SeqNo: **2561936**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		99.6	80	120			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Wescom Inc** Work Order Number: **2010951** RcptNo: **1**

Received By: **Cheyenne Cason** **10/21/2020 8:00:00 AM**

Completed By: **Desiree Dominguez** **10/21/2020 8:22:15 AM** DD

Reviewed By: CM 10/21/20 CM 10/21/20

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: DD 10/21/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.4	Good	Not Present			
2	0.4	Good	Not Present			
3	1.9	Good	Not Present			

Chain-of-Custody Record

Client: WESCOM INC.

Mailing Address: 1224 STANDIFERD CARLSBAD NM 88220

Phone #: 575-840-2940

email or Fax#: ~~SHARVESTER~~

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush 48 HR

Project Name: SBL Unit 2634-6 28.2220 Spill

Project #:

Project Manager: SHAR HARVESTER
SHAR.HARVESTER@WESCOMINC.COM

Sampler: ASHLEY GIOVENGO

On Ice: ☑ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Bottom (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2010951	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/20	9:30	S	BH01 0'	JAR 1	Ice	001	X	X					X			
10/20	9:32	S	BH01 1'	JAR 1	ice	002	X	X					X			
10/20	9:35	S	BH01 2'	JAR 1	ice	003	X	X					X			
10/20	9:38	S	BH01 3'	JAR 1	ice	004	X	X					X			
10/20	9:45	S	BH01 4'	JAR 1	ice	005	X	X					X			
10/20	9:50	S	BH01 5'	JAR 1	ice	006	X	X					X			
10/20	9:55	S	BH01 6'	JAR 1	ice	007	X	X					X			
10/20	10:00	S	BH01 7'	JAR 1	ice	008	X	X					X			
10/20	10:05	S	BH01 8'	JAR 1	ice	009	X	X					X			
											Analyze all samples per Shar 9/14/2021					

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
10/20	1:56pm				10/20/20	1700
10/20/20	1900				10/21/20	0800

Remarks: Run 0' sample 1st if ≥ 100 ppm TPH or ≥ 50 ppm BTEX, Run next depth 0.4±0=0.4, 0.4±0=0.4, 1.4±0=1.4

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.

Chain-of-Custody Record

Client: Wescom Inc.

Mailing Address: 1224 Standpipe Rd Carlsbad NM 88220

Phone #: 575-840-2940

email or Fax#: shar.harvester@wescominc.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 48 HR

Project Name: SBL Unit 263H-6 28 2020 spill

Project #:

Project Manager: Shar Harvester.

Sampler: Ashley Giovengo

On Ice: ☒ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Run V (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2010951	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/20	11:38	S	BH03 0'	JAR	ICE	010	X	X					X			
10/20	11:40	S	BH03 1'	JAR	ICE	011	X	X					X			
10/20	11:44	S	BH03 2'	JAR	ICE	012	X	X					X			
10/20	11:46	S	BH03 3'	JAR	ICE	013	X	X					X			
10/20	11:48	S	BH03 4'	JAR	ICE	014	X	X					X			
10/20	11:53	S	BH03 5'	JAR	ICE	015	X	X					X			
10/20	11:55	S	BH03 6'	JAR	ICE	016	X	X					X			
10/20	12:10	S	BH03 7'	JAR	ICE	017	X	X					X			
10/20		S	BH03 8'	JAR	ICE	018	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
10/20	1:56pm				10/20/20	1400
10/20/20	1900					

Remarks:
RUN 0' SAMPLE 1st; IF ≥ 100ppm TPH and/or ≥ 50 ppm BTEX, RUN NEXT DEPTH
0.4+0=0.4 1.9+0=@1.9
0.4+0=0.4

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.

Chain-of-Custody Record

Client: Wescom Inc

Mailing Address: 1224 StandPipe Rd
Carlsbad NM 88220

Phone #: 575-840-2940

email or Fax#: shar.harvester@wescominc.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

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

Turn-Around Time:
☐ Standard ☒ Rush 48 Hr

Project Name: SBL Unit 263H-6-28-2020 Spill

Project #:

Project Manager: Shar Harvester

Sampler: Ashley Giovengo

On Ice: ☒ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Rem (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2010951	(BTEX) / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(Cl) F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
10/20	10:48	S	BH04 0'	JAR 1	ICE	019	X	X					X									
10/20	10:50	S	BH04 1'	JAR 1	ICE	020	X	X					X									
10/20	10:51	S	BH04 2'	JAR 1	ICE	021	X	X					X									
10/20	10:52	S	BH04 3'	JAR 1	ICE	022	X	X					X									
10/20	10:56	S	BH04 4'	JAR 1	ICE	023	X	X					X									
10/20	11:07	S	BH04 5'	JAR 1	ICE	024	X	X					X									
10/20	11:09	S	BH04 6'	JAR 1	ICE	025	X	X					X									
10/20	11:19	S	BH04 7'	JAR 1	ICE	026	X	X					X									
10/20	11:20	S	BH04 8'	JAR 1	ICE	027	X	X					X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/20	1:56pm	[signature]	10/20/20 [signature]			1400
10/20/20	1900	[signature]	CW Cour		10/21/20	0810

Remarks:
RUN 0' SAMPLE 1ST if TPH ≥ 100ppm & / OR ≥ 50 ppm BTEX, RUN NEXT DEPTH
0.4±0=0.4 0.4±0=0.4 1.9±0=1.9

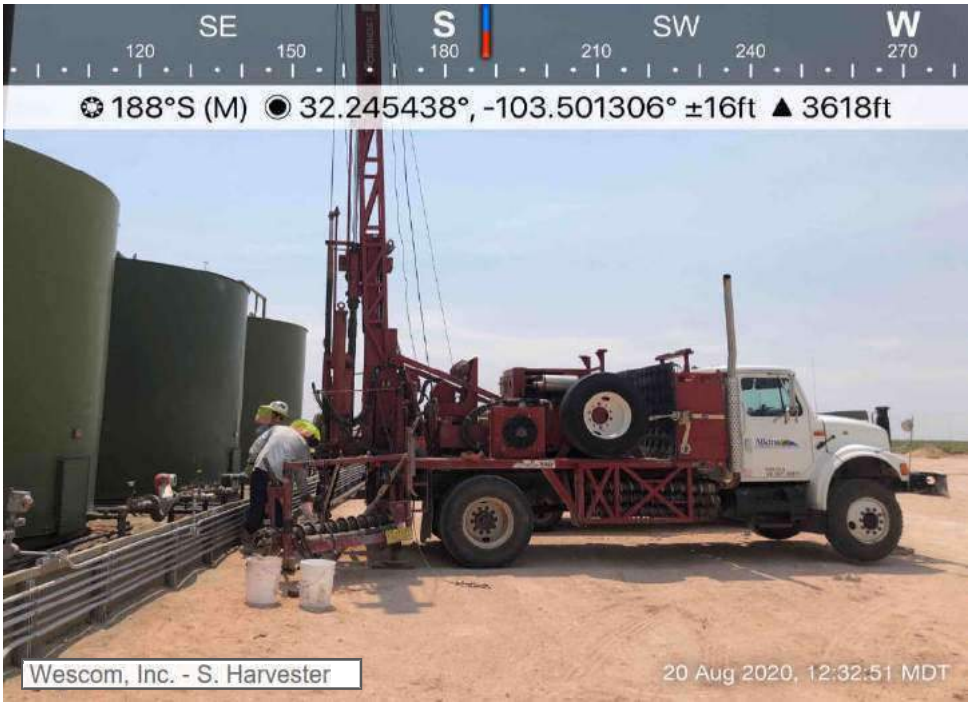
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Attachment E

Site Photos

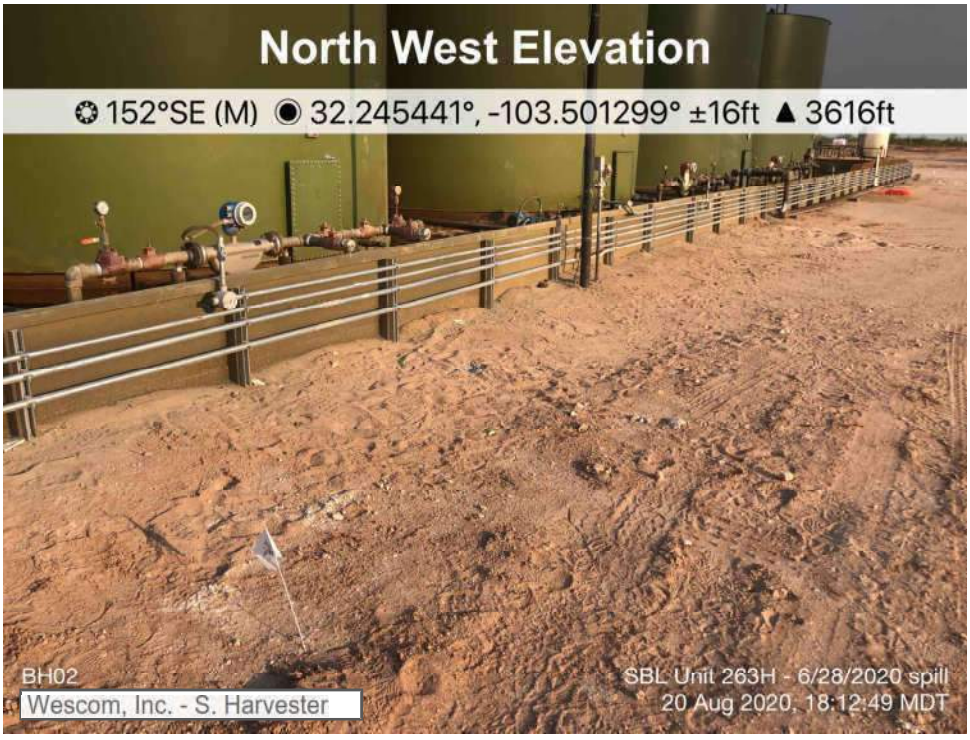
wescominc.com

Site Signage

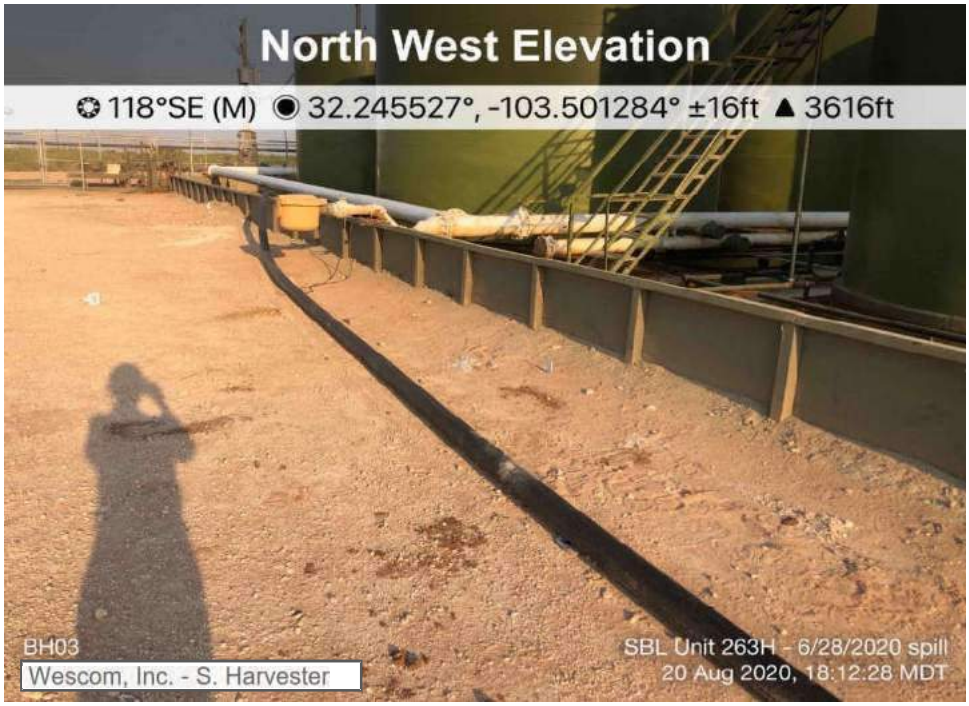


West Side Containment-BH01

wescominc.com

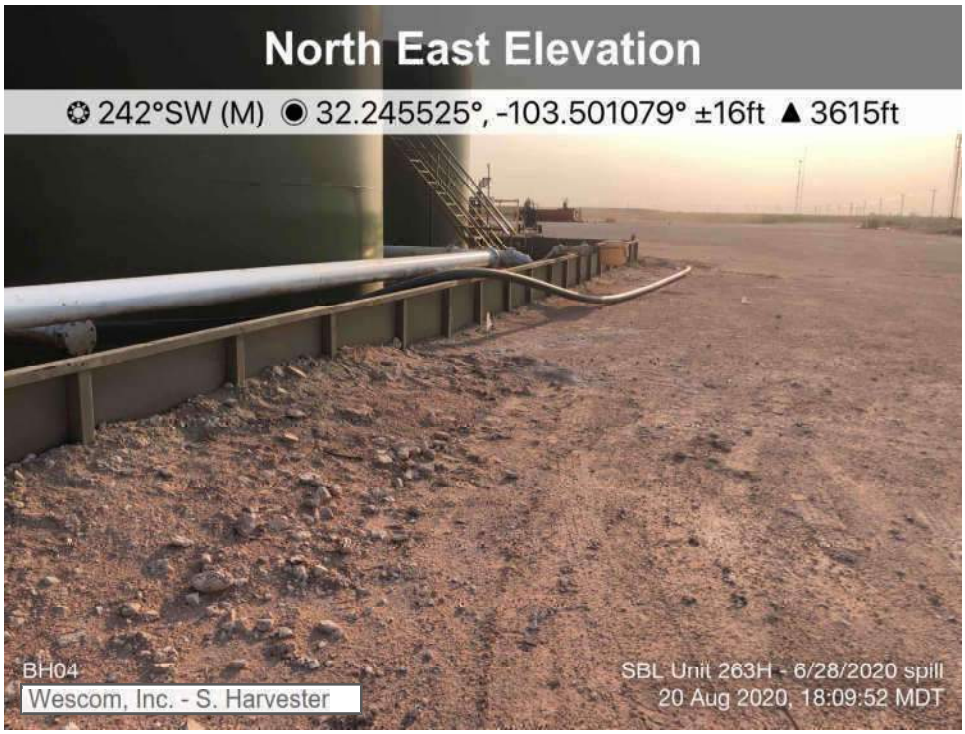


West Side Containment-BH02

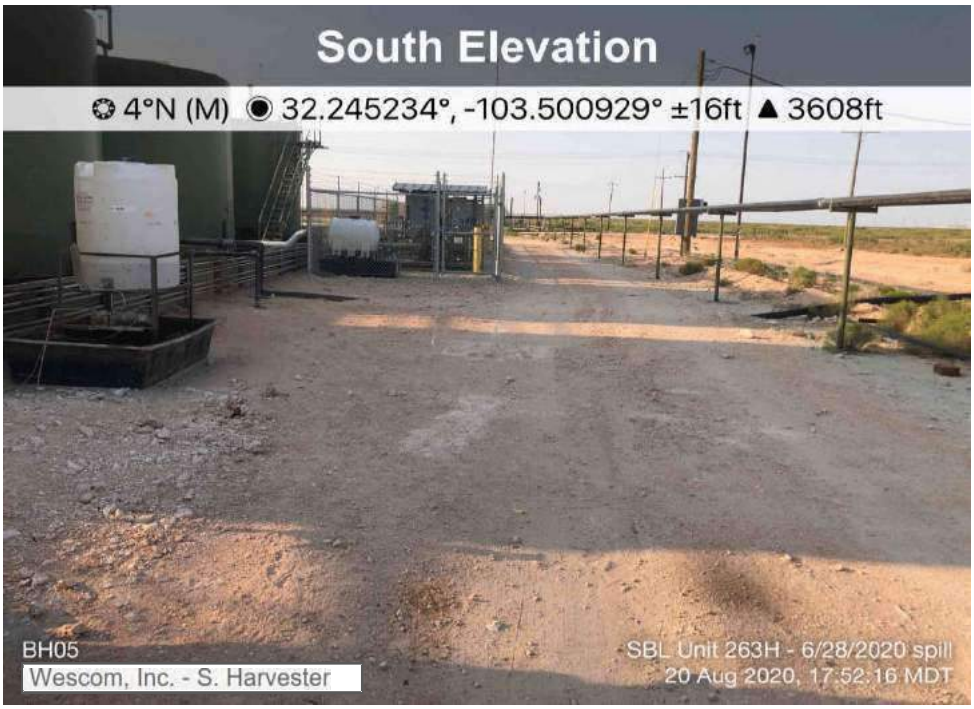


North Side Containment-BH03

wescominc.com

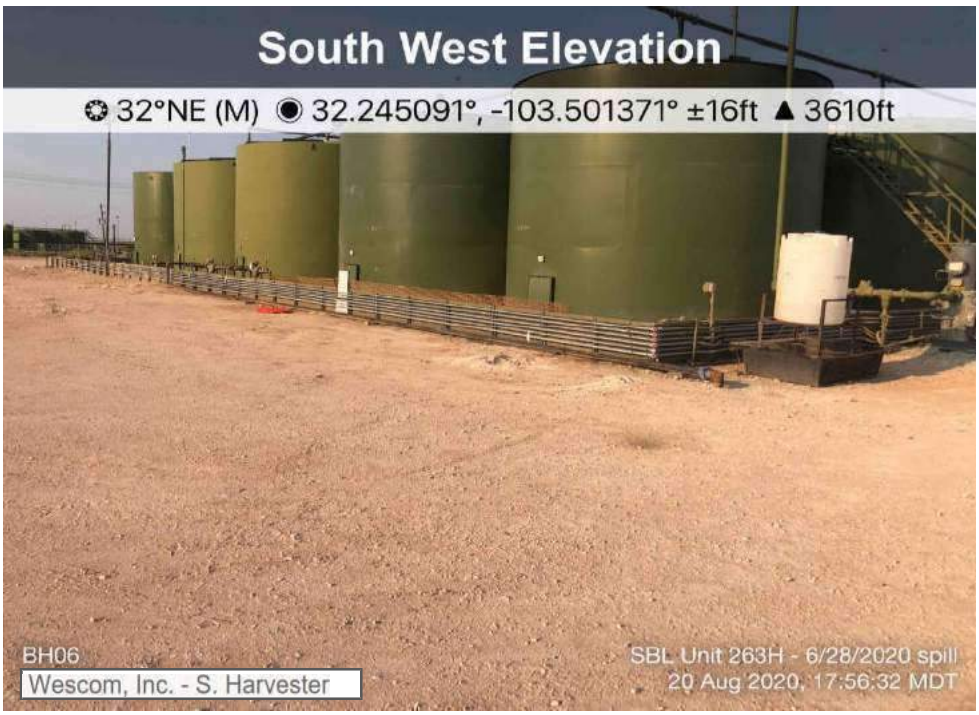


North Side Containment-BH04

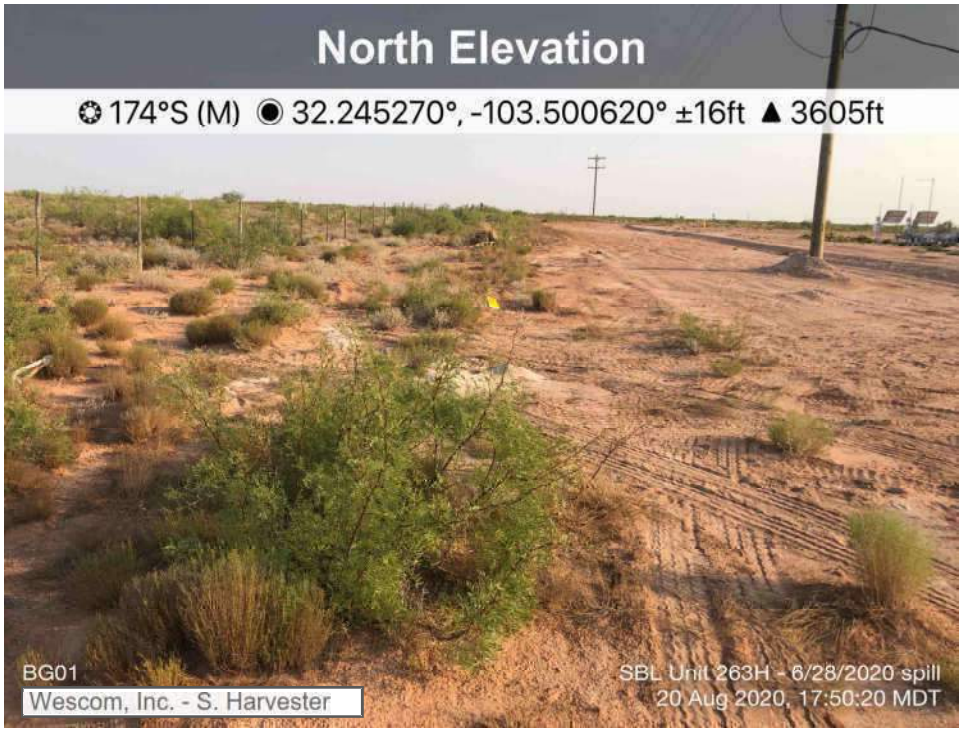


East Side Containment-BH05

wescominc.com



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: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 41602
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	9/14/2021