

Double LQueen Tank Battery

Incident # NAPM2303746352 Unit P, Section 36, T14S, R29E Chaves County, New Mexico February 28, 2024

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Location

The subject site is identified as the Double L Queen Tank Battery and is located within Unit P, Section 26, Township 14 South, Range 29 East, Chaves County, New Mexico. The site location is further described as being located at latitude 33.05539, and longitude -103.975098.

Background

The subject site is an abandoned facility formerly operated by Canyon E&P. New Mexico Oil Conservation Division (NMOCD) took control over the site under the Orphan Well Program, and has contracted Envirotech, Inc. to complete a facility inventory, site characterization, and spill delineation, complete site demolition and site remediation activities.

<u>Soil</u>

Based on information provided by the United States Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey, the predominant soil at the site is Tencee-Sotim association. The parent material is calcareous alluvium and/or eolian deposits derived from sedimentary rock. Depth to a restrictive, petrocalcic feature is reported to be 7 to 20 inches. The location is not within an area of high karst occurrence.

Ground Water

On March 27th and 28th 2023, Envirotech and its drilling subcontractor completed an exploratory boring to a depth of fifty-two (52) feet Below Ground Surface (BGS). The boring was completed with a 2" PVC casing with 10 feet of screen at the bottom of the boring. The casing was left in place for a minimum of 72 hours. On April 2, 2023, the well was checked for the presence of water with a water level meter. The borehole was determined to be dry at 52 feet indicating that groundwater is deeper than fifty (50) feet at the subject site.

Regulatory Standards

The following reclamation standards provided are based on 19.15.29.13 NMAC:

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
Total Petroleum Hydrocarbons (TPH)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg



Since drilling activities confirmed depth to groundwater is greater than fifty (50) feet BGS the standards for Groundwater greater than 50 feet will be used per *19.15.29.13 NMAC*:

Constituent	Method	Limit
Chloride	EPA 300.0	10,000 mg/kg
Total Petroleum Hydrocarbons (GRO, DRO, & ORO)	EPA Method 8015D	2,500 mg/kg
Total Petroleum Hydrocarbons (GRO, DRO)	EPA Method 8015D	1,000 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg

Variance Request

On behalf of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division (OCD) and pursuant to 19.15.29.12 and 19.15.29.13 NMAC, Envirotech, Inc (Envirotech) is requesting a variance for chloride levels for the Canyon Exploration and Production Double L Queen Tank Battery (Double L Queen). This variance is requested to enable site reclamation in compliance with the greater than six hundred (600) parts per million (ppm) chloride concentrations in the top four feet of soil closure criteria provided in Table 1 of 19.15.29.12 and listed in 19.15.29.13D(1) NMAC. The highest chloride concentration requested to be left in place is 4,292 ppm for a four (4) foot wall composite sample based on field screening results. The north wall, south wall, and portions of the west wall of the excavation are currently exceeding 600 mg/kg of chlorides in the upper four feet; **see Figure 1, Test Hole Map**.

Field screening was completed to determine the extent of the chloride impacts. Delineation activities were conducted by completing test holes at 25-foot intervals; **see Figure 1: Test Hole Map**. Envirotech's field tech dug a test hole every twenty-five (25) feet to the north, south and west of the excavation wall. Field samples were tested and were within the 600-ppm limit, confirmation samples were then collected and evaluated in the laboratory; **see Appendix A: Analytical Results**. To the north of the excavation the contamination area extends approximately seventy-five (75) feet from the north wall on the west side to approximately 200 feet from the existing wall on the east end. The southern end of the elevated chloride area spans 50-75 feet from the wall on the west and east ends and expands out to approximately 125 feet from the excavation in the center; **see Table 1, Summary of Test Hole Results**.

The amount of soil that has been excavated and removed from the subject site is approximately 44,060 cubic yards with a surface area of approximately 156,420 square feet, this amounts to over three and a half (3.5) acres of remediated area. The northern area of elevated chlorides is approximately 32,800 square feet of surface area which calculates to approximately 4,860 cubic



yards of elevated chloride soil. The southern area is approximately 20,100 square feet of surface area which calculates to approximately 2,980 cubic yards of elevated chloride soil; **see Figure 1: Test Hole Map**.

Further sampling of chlorides and its relation to depth has allowed Envirotech to determine that chloride concentrations increase as depth increases, see Figure 4, Chloride Map. In Table 1 the samples labeled N. Wall 2 @1', N. Wall 2 @2', N. Wall 2 @3', and N. Wall 2 @4' show the distribution of chlorides with depth. Concentration increase with depth with the samples at the one (1) foot at 970 mg/kg and the sample at four (4) feet was 4,000 mg/kg. This shows that the higher chlorides that would be detrimental to plant health is well below the root zone. With plant root depth being relatively shallow in the subject area, it is fair to conclude that low chloride concentrations at shallow depths are not affecting vegetation health. These results along with the newly established soil and vegetation, indicate that it would be more detrimental to remove unstressed, mature soil and vegetation, and removal would ultimately increase harm to the ecosystem. Envirotech drilled 50 feet below ground surface (bgs) during initial site assessment activities in efforts to determine groundwater. From one (1) to five (5) foot the organic layer consists of medium to fine sand. From five (5) to ten (10) feet the topsoil layer consists of medium to fine sand with pea gravel and sandstone. From ten (10) to fifteen (15) feet the eluviation layer consists of bentonite clay and sand. From fifteen (15) to twenty-five (25) feet the subsoil layer consists of bentonite clay and limestone. From twenty-five (25) to fifty (50) feet the parent rock layer consists of bentonite clay with blue and green shale. Being that groundwater is greater than 50 feet bgs, it Is believed that chloride levels are not a detriment to human or environmental health.

Landsat 8 Normalized Difference Vegetation Index (NDVI) is used to quantify vegetation greenness and is useful in understanding vegetation density and assessing changes in vegetative health. NDVI Landsat 8 imagery was accessed to determine the overall health of the soil and vegetation residing within our subject area, as well as surrounding areas. This allows us to compare surrounding soil and vegetation health to our subject area soil and vegetation health from the beginning of the project to the end of the project. Furthermore, helping us to illustrate what areas of concern may still occur, and which areas have since made progress.

Imagery taken from November of 2023, **see Figure 2**, **NDVI 11/27/2023** was compared to the same imagery taken in December of 2022, **see Figure 3**, **NDVI 12/1/2022**. The imagery demonstrates the overall increase of soil and vegetative health within the subject area and surrounding areas due to the remediation efforts of Envirotech Inc., and New Mexico Oil Conservation Division (NMOCD). Particularly looking at points A and B of comparison on the maps, from 2022 to 2023, shows the natural regenerative health of soil and vegetation within these areas are occurring. Points A and B of comparison also demonstrate that soil and vegetative health is equivalent greenness to surrounding undisturbed areas that do not possess elevated levels of chlorides. These particular areas have demonstrated increased health when compared to equally healthy and undisturbed surrounding areas.

Demonstration of Protection Provided by Variance



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Pursuant to 19.15.29.12 and 19.15.29.13D(1) NMAC, the variance will provide equal or greater protection of health for soil, vegetation, and the environment. Elevated chloride areas contain well established and thriving native vegetation and soil that have not been affected by the existing chloride levels. South of the excavation exhibits no vegetation change from the contaminated region compared to the east of the excavation; see **Appendix 2B Photo 7**. Similarly, the northern extent shows similar vegetation growth when compared to the east side of the excavation; **see Appendix B, Photo 8**. With groundwater greater than 50 feet bgs, Envirotech has also determined that groundwater has not been impacted by elevated chloride levels. The newly established vegetation is also a determining factor that soil health is not being affected by elevated chloride levels. Therefore, all these factors indicate that elevated chloride areas are not a detriment to the new vegetation, soil, groundwater, or the environment.

Statement of Limitations

The work and services provided were in accordance with NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted, Envirotech, Inc.

Greg Crabtree, PE Environmental Manager gcrabtree@envirotech-inc.com





Figure 1, Test Hole Map Figure 2, NDVI Map 1.27.23 Figure 3, NDVI Map 12.1.22 Figure 4, Chloride Map



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Table 1, Summary of Test Hole Results



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Date	Sample Name	Map Notation	Field Readings	Lab Confirmation Results mg/kg									
Date	Sample Name	Map Notation	Chloride	GRO	DRO	Total GRO + DRO	MRO	Total TPH	Benzene	Total BTEX	Chloride		
11/13/2023	NPSW100@50'	100S @ 50'	982	-	-	-	-	-	-	-	-		
11/13/2023	NPSW100@75'	1005 @ 55 1005 @ 75'	426	<4.7	<9.4	<14.1	<47	<61.1	<0.023	<0.211	470		
11/13/2023	NPSW200@50'	2005 @ 50'	1248	-	-	-	-	-	-		-		
11/13/2023	NPSW200@75'	2005 @ 55	698										
11/13/2023	NPSW200@100'	2005 @ 100'	1458	-	-	-	-	-	_	-	_		
11/13/2023	NPSW200@125'	2005 @ 100 2005 @ 125'	>298	<4.9	<9.6	<14.5	<48	<62.5	<0.025	<0.221	290		
11/14/2023	NPSW300@50'	300S @ 75'	>298	<4.9	<9.4	<14.3	<47	<61.3	<0.025	<0.222	230		
11/13/2023	NPSW300@75	300S @ 50'	>298	-	-		-	-	-	-			
11/9/2023	North Wall TH @ 100'	100N @ 20'	1700	-	-	-	-	-	-	-	-		
11/9/2023	North Wall TH @ 100' 2	100N @ 40'	1700	-	-	-	-	-	-	-	-		
11/9/2023	North Wall TH @ 100' 3	100N @ 50'	1983	-	-	-	-	-	-	-	-		
11/9/2023	North Wall TH @ 100' 4	100N @ 75'	904	-	-		-	-	-	-	-		
11/14/2023	North Wall TH @ 100' @ 100'	100N @ 100'	1575	-	-	-	-	-	-	-	-		
11/14/2023	North Wall TH @ 100' @ 125'	100N @ 125'	1350	-	-		-	-	-	-	-		
11/14/2023	North Wall TH @ 100' @ 150'	100N @ 150'	1065	-	-	-	-	-	-	-	-		
11/14/2023	North Wall TH @ 100' @ 175'	100N @ 175'	762	-	-	-	-	-	-	-	-		
11/14/2023	North Wall TH7 @ 100' @ 200'	100N @ 200'	<298	<4.8	<9.4	<14.2	<47	<61.2	<0.024	<0.217	170		
11/9/2023	North Wall TH @ 200'	200N @ 75'	<298	-	-	-	-	-	-	-	180		
11/9/2023	North Wall TH @ 300'	300N @ 50'	2144	-	-	-	-	-	-	-	-		
11/9/2023	North Wall TH @ 300' 2	300N @ 75'	426	-	-	-	-	-	-	-	460		
11/9/2023	North Wall TH @ 400'	400N @ 25'	1248	-	-	-	-	-	-	-	-		
11/9/2023	North Wall TH @ 400' 2	400N @ 50'	1575	-	-	-	-	-	-	-	-		
11/9/2023	North Wall TH @ 400' 3	400N @75'	<298	-	-	-	-	-	-	-	150		
10/19/2023	N.Wall2 @ 1'	-	-	-	-	-	-	-	-	-	970		
10/19/2023	N.Wall2 @ 2'	-	-	-	-	-	-	-	-	-	1300		
10/19/2023	N.Wall2 @ 3'	-	-	-	-	-	-	-	-	-	2100		
10/19/2023	N.Wall2 @ 4'	-	-	-	-	-	-	-	-	-	4000		
11/16/2023	WC-242 (SAMPLE @ PIPELINE)	-	242	<4.9	<9.9	<14.8	<50	<64.8	<0.024	<0.220	4200		
12/11/2023	OTH 1	-	1984	-	-	-	-	-	-	-	-		
12/11/2023	OTH 2		1458	-	-	-	-	-	-	-	-		
12/11/2023	OTH 3	-	2726	-	-	-	-	-	-	-	-		
12/11/2023	OTH 5	-	4292	-	-	-	-	-	-	-	-		
12/11/2023	OTH 6	-	380	<5.0	<9.7	<14.7	<49	<63.7	<0.025	<0.225	440		
12/11/2023	OTH 7	-	426	<4.9	<9.7	<14.6	<49	<63.6	<0.025	<0.221	640		
12/11/2023	OTH 8	-	338	<4.6	<9.8	<14.4	<49	<63.4	<0.023	<0.207	390		
12/11/2023	OTH 9	-	380	<4.9	<9.5	<14.4	<48	<62.4	<0.024	<0.219	480		
12/11/2023	OTH 10	-	426	<4.8	<9.4	<14.2	<47	<61.2	<0.024	<0.216	570		
12/11/2023	OTH 4	-	<298	<4.6	<9.3	<13.9	<46	<59.9	<0.023	<0.207	190		
12/12/2023	OTH 11	-	<298	<4.9	<9.6	<14.5	<48	<62.5	<0.024	<0.219	120		
12/12/2023	OTH 12	-	<273	<4.6	<9.8	<14.4	<49	<63.4	<0.023	<0.207	290		
12/12/2023	OTH 13	-	936	-	-	-	-	-	-	-	-		
12/12/2023	OTH 14	-	<273	<5.0	<9.3	<14.3	<46	<60.3	<0.025	<0.224	120		
12/12/2023	OTH 15	-	<273	<4.7	<9.4	<14.1	<47	<61.1	<0.023	<0.211	220		



Field Photos



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Photo 1: Chloride elevated area facing south at the 100-foot mark 75 feet from the excavation wall.



Photo 3: Chloride elevated area facing north at the 100-foot mark 200 feet from the excavation wall.



Photo 5: Chloride elevated area and clean area vegetation growth looking north.



Photo 2: Chloride elevated area facing south at the 200-foot mark 125 feet from the excavation wall.



Photo 4: Chloride elevated area facing south at the 300-foot mark 50 feet from the excavation wall.



Photo 6: Chloride Elevated area and clean area vegetation growth looking south.

Received by OCD: 3/4/2024 2:49:19 PM Page 17 of 68 100S @75' 200S @125' Picture 7 Picture 8

Picture 7 & 8: Depicting the South wall (Picture 7) and North wall (Picture 8) established vegetation in elevated Chloride soil.

Non-Elevated Chlorides Soil & Vegetation:



Picture 9: Non-Elevated Chlorides



Picture 11: Non-Elevated Chlorides



Picture 13: Non-Elevated Chlorides

Elevated Chlorides Soil & Vegetation:



Picture 10: Elevated Chlorides



Picture 12: Elevated Chlorides



Picture 14: Elevated Chlorides



Analytical Results



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November 02, 2023

Greg Crabtree Envirotech 5796 US Highway 64 Farmington, NM 87401 TEL: (505) 632-0615 FAX: (505) 632-1865

RE: Double L Queen

OrderNo.: 2310A46

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Greg Crabtree:

Hall Environmental Analysis Laboratory received 4 sample(s) on 10/20/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environ	mental Analysis	Laboratory, Inc.				Ι	Analytical Report Lab Order: 2310A4 Date Reported: 11	16	i
	Envirotech Double L Queen				I	.ab C)rder: 231	0A46	
Lab ID:	2310A46-001		С	ollecti	on Date	: 10	/19/2023 2:42:00) PM	
Client Sample ID: Analyses	N.Wall2@ 1'	Result	RL	Qual	Matrix Units		DIL Date Analyzed	Ba	tch ID
EPA METHOD 300 Chloride	0.0: ANIONS	970	60		mg/Kg	20		nalyst: 21 PM	-
Lab ID:	2310A46-002		С	ollecti	on Date	: 10	/19/2023 2:45:00) PM	
Client Sample ID:	N.Wall2@2'				Matrix	s: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300 Chloride	D.0: ANIONS	1300	60		mg/Kg	20		nalyst: 46 PM	
Lab ID:	2310A46-003		С	ollecti	on Date	: 10	/19/2023 2:49:00) PM	
Client Sample ID:	N.Wall2@3'				Matrix	s: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300 Chloride	D.0: ANIONS	2100	60		mg/Kg	20		nalyst: 10 PM	
Lab ID:	2310A46-004		С	ollecti	on Date	: 10	/19/2023 2:52:00) PM	
Client Sample ID:	N.Wall2@4'				Matrix	: SC	DIL		
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Ba	tch ID
EPA METHOD 300 Chloride	0.0: ANIONS	4000	150		mg/Kg	50		nalyst: 54 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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
 E Above Quantitation Range/Estimated Value

E Above Quantitation Range/Estimated ValueJ Analyte detected below quantitation limits

J Analyte detected below qu P Sample pH Not In Range

RL Reporting Limit

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Client: Project:	Envirote Double	ech L Queen									
Sample ID:	MB-78305 SampType: mblk TestCode: EPA Method 300.0: Anions										
Client ID:	PBS	Batch	ID: 783	305	F	RunNo: 10	0680				
Prep Date:	10/23/2023	Analysis Da	ate: 10	/23/2023	S	SeqNo: 36	91878	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-78305	SampTy	/pe: lcs		Tes	tCode: EF	A Method	300.0: Anions	5		
Client ID:	LCSS	Batch	ID: 783	305	F	RunNo: 10	0680				
Prep Date:	10/23/2023	Analysis Da	ate: 10	/23/2023	S	SeqNo: 36	91879	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	96.1	90	110			

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit
- Released to Imaging: 3/8/2024 2:58:28 PM

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WO#: 2310A46 02-Nov-23

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmentai Alb TEL: 505-345-3973 Website: www.ha	4901 Hawk uquerque. NM 5 F.AX: 505-34	tins NE 187109 Sar 5-4107	nple Log-In Ch	eck List
Client Name: Envirotech	Work Order Number	: 2310A46		RcptNo: 1	
Received By: Tracy Casarrubias	10/20/2023 12:00:00 F	PM			
Completed By: Tracy Casarrubias	10/20/2023 12:32:43	PM			
Reviewed By: 7~10/20/2	3				
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗌	No 🗹	Not Present	
2. How was the sample delivered?		<u>Client</u>			
<u>Log In</u>					
3. Was an attempt made to cool the sa	imples?	Yes 🗹	Νο	NA 🗌	
4. Were all samples received at a temp	perature of >0° C to 6.0°C	Yes 🗌	No 🗹	NA 🗌	
5. Sample(s) in proper container(s)?		Approved Yes 🔽	No		
6. Sufficient sample volume for indicate	ed test(s)?	Yes 🔽	No 🗌		
7 Are samples (except VOA and ONG		Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🔽	NA 🗌	
9. Received at least 1 vial with headspa	ace <1/4" for AQ VOA?	Yes	No 🗌	NA 🔽	
10. Were any sample containers receive		Yes	No 🔽		
				# of preserved bottles checked	
11. Does paperwork match bottle labels		Yes 🗹	No 🗌	for pH:	
(Note discrepancies on chain of cust 12. Are matrices correctly identified on C	5,	Yes 🗹	No 🗌	(<2 or >1) Adjusted?	2 unless noted)
13. Is it clear what analyses were reques		Yes ⊻ Yes ☑			(al al
14. Were all holding times able to be me		Yes 🗹		Checked by 5C	n 10120123
(If no, notify customer for authorization				• • • •	1. 1. /. /
Special Handling (if applicable					
15. Was client notified of all discrepance	es with this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date:	and the second second			
By Whom:	Via: [eMail	Phone 🗌 Fax	In Person	
Regarding:				August due of second states and a particular	
Client Instructions: Mailing a	ddress and phone number are mi	issing on CO	C- TMC 10/20/23	3	
16. Additional remarks:					
17. <u>Cooler Information</u> Cooler No Temp °C Conditi	on Seal Intact Seal No S	Seal Date	Signed By		
1 7.2 Good	Not Present Morty		<u></u>		

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C	hain	of-Cu	ustody Record	Turn-Around	Time:								-							
Client:	Juno	CD	-	□ Standard		l	ANALYSIS LABORATO													
				Project Nam	e: Double	L Queen				١	www	/.hall	enviro	onm	enta	al.co	m			
Mailing	Address				in and	The second s		49	01 H	awki	ns N	IE -	Albu	quei	rque	, NM	/ 871	09		
				Project #: 2	23002-0004	tests and and		Te	el. 50	5-34	5-39	975	Fa	x 5	05-3	345-4	4107	1	2	
Phone													alysi	is R	Requ	iest				
email o	r Fax#:	acrabt	ruco enviret cchine	Project Manager: Greg Crabtree			(1)	õ					SO4		-	(ju	-			
QA/QC	Package:						TMB's (8021)	DRO / MRO)	PCB's		IMS		PO4,			Abse				
□ Star			□ Level 4 (Full Validation)				B's	ß			70S		Å			ent/	:			e 1
Accred		□ Az Co □ Other	ompliance	Sampler: 7	G, AF Ø Yes	DNO marty	Ν		8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS		NO ₂ , I		2	Total Coliform (Present/Absent)				
				# of Coolers:		No morty	3E /	GRO	des	d 50	100	tals	ő		Š	E)	3			
				Cooler Temp	(including CF): 7.4	1-0.2= 7.2 (°C)	MTBE /	TPH:8015D(GRO	stici	etho	v 83	RCRA 8 Metals	Cl, F, Br, NO ₃ ,	(VUA)	emi	olifor	Chlorides			
				Container	Preservative	HEAL No.	X	83	Pe	Š	d st	SA 8			O (S	ő	0			
Date	Time	Matrix	Sample Name	Type and #		2310A46	BTEX/	립	808	Ë	₹	ß	ŭ S	070	8270 (Semi-VOA)	Tota	5	- 100	0	
10/19/2	14 12	S	N. Wall 201'	Glass	(00)	001											X			
	14:45		N. Wall2@ 2'		1	002									3		X			
	14:49		N. Wall 2@3			003											X			
1	14:52	1	N. Wall2@4'	4		004											X			
					1						1.0	11				×.,				
				1	A															
												ndar								
			-										-							
						1) 1) 1)			1											
					1.1								11							
						D 7.44 D						-								
Date:	Time:	Relinquish	ed by:	Received by:	Via: CPO	Date Time	Ren	narks	s: .	10		ľ			60000 Pj	57-8 B 10				
10/20/2	5	Ca_	-m			10/20/23 12:00														
Date:	Time:	Relinquish	ed by:	Received by:	Via:	Date Time														
												\mathbf{r}								



Environment Testing

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

November 17, 2023 Greg Crabtree Envirotech 5796 US Highway 64 Farmington, NM 87401 TEL: (505) 632-0615 FAX: (505) 632-1865

RE: Double L Queen

OrderNo.: 2311588

Dear Greg Crabtree:

Eurofins Environment Testing South Central, LLC received 3 sample(s) on 11/10/2023 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 do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

CLIENT: Envirotech

Double L Queen 2311588-001

Project:

Lab ID:

Analytical Report Lab Order 2311588

Hall Environmental Analysis Laboratory, Inc.
--

Date Reported: 11/17/2023 Client Sample ID: N. Wall TH 1@ 200

Collection Date: 11/9/2023 11:40:00 AM Received Date: 11/10/2023 11:46:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: RBC
Chloride	180	60	mg/Kg	20	11/13/2023 10:54:31 AI	M 78723
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/13/2023 9:10:14 AM	78722
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/13/2023 9:10:14 AM	78722
Surr: DNOP	85.9	69-147	%Rec	1	11/13/2023 9:10:14 AM	78722
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/11/2023 6:51:23 PM	78714
Surr: BFB	92.9	15-244	%Rec	1	11/11/2023 6:51:23 PM	78714
EPA METHOD 8260B: VOLATILES SHORT	LIST				Analys	t: JR
Benzene	ND	0.025	mg/Kg	1	11/13/2023 10:20:38 AI	M 78714
Toluene	ND	0.050	mg/Kg	1	11/13/2023 10:20:38 AI	M 78714
Ethylbenzene	ND	0.050	mg/Kg	1	11/13/2023 10:20:38 AI	M 78714
Xylenes, Total	ND	0.10	mg/Kg	1	11/13/2023 10:20:38 AI	M 78714
Surr: 1,2-Dichloroethane-d4	92.6	64.8-147	%Rec	1	11/13/2023 10:20:38 AI	M 78714
Surr: 4-Bromofluorobenzene	106	62.1-144	%Rec	1	11/13/2023 10:20:38 AI	M 78714
Surr: Dibromofluoromethane	100	73-145	%Rec	1	11/13/2023 10:20:38 AI	M 78714
Surr: Toluene-d8	95.8	70-130	%Rec	1	11/13/2023 10:20:38 AI	M 78714

Matrix: SOIL

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

Qualifiers:

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

Page 1 of 9

CLIENT: Envirotech

Double L Queen 2311588-002

Project:

Lab ID:

Analytical Report
Lab Order 2311588

Lab Order 2311588 Date Reported: 11/17/2023

Client Sample ID: N. Wall TH 2@ 300 Collection Date: 11/9/2023 1:10:00 PM Received Date: 11/10/2023 11:46:00 AM

Received Date: 11/10/2023 11:46:00 AM

Result	RL	Qual Units	DF	Date Analyzed	Batch
				Analys	t: RBC
460	60	mg/Kg	20	11/13/2023 11:06:55 A	M 78723
ORGANICS				Analys	t: PRD
ND	9.8	mg/Kg	1	11/13/2023 9:20:38 AM	78722
ND	49	mg/Kg	1	11/13/2023 9:20:38 AM	78722
94.5	69-147	%Rec	1	11/13/2023 9:20:38 AM	78722
				Analys	t: JJP
ND	4.9	mg/Kg	1	11/11/2023 7:14:52 PM	78714
93.5	15-244	%Rec	1	11/11/2023 7:14:52 PM	78714
LIST				Analys	t: JR
ND	0.025	mg/Kg	1	11/13/2023 10:48:38 Al	M 78714
ND	0.049	mg/Kg	1	11/13/2023 10:48:38 Al	M 78714
ND	0.049	mg/Kg	1	11/13/2023 10:48:38 Al	M 78714
ND	0.099	mg/Kg	1	11/13/2023 10:48:38 Al	M 78714
92.5	64.8-147	%Rec	1	11/13/2023 10:48:38 Al	M 78714
105	62.1-144	%Rec	1	11/13/2023 10:48:38 Al	M 78714
100	73-145	%Rec	1	11/13/2023 10:48:38 Al	M 78714
98.3	70-130	%Rec	1	11/13/2023 10:48:38 Al	M 78714
	460 DRGANICS ND 94.5 ND 93.5 LIST ND ND ND ND ND ND ND ND ND 105 100	460 60 DRGANICS ND 9.8 ND 49 94.5 69-147 ND 4.9 93.5 15-244 TLIST ND 0.025 ND 0.049 ND	460 60 mg/Kg DRGANICS ND 9.8 mg/Kg ND 49 mg/Kg 94.5 69-147 %Rec ND 4.9 mg/Kg 93.5 15-244 %Rec ILIST ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.099 mg/Kg ND 0.099 mg/Kg 105 62.1-144 %Rec	460 60 mg/Kg 20 DRGANICS ND 9.8 mg/Kg 1 ND 49 mg/Kg 1 94.5 69-147 %Rec 1 ND 4.9 mg/Kg 1 93.5 15-244 %Rec 1 T LIST ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.099 mg/Kg 1 ND 0.099 mg/Kg 1 105 62.1-144 %Rec 1 100 73-145 %Rec 1	Analys 460 60 mg/Kg 20 11/13/2023 11:06:55 Al DRGANICS Analys ND 9.8 mg/Kg 1 11/13/2023 9:20:38 AM ND 49 mg/Kg 1 11/13/2023 9:20:38 AM 94.5 69-147 %Rec 1 11/13/2023 9:20:38 AM ND 4.9 mg/Kg 1 11/13/2023 9:20:38 AM ND 4.9 mg/Kg 1 11/11/2023 7:14:52 PM 93.5 15-244 %Rec 1 11/13/2023 10:48:38 AI ND 0.025 mg/Kg 1 11/13/2023 10:48:38 AI ND 0.049 mg/Kg 1 11/13/2023 10:48:38 AI

Matrix: SOIL

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

Qualifiers:

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

Page 2 of 9

CLIENT: Envirotech

Project: Double L Queen

Analytical Report Lab Order 2311588

Hall Environmental Analysis Laboratory, Inc.
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Date Reported: 11/17/2023 Client Sample ID: N. Wall TH 3@ 400 Collection Date: 11/9/2023 2:10:00 PM

Lab ID: 2311588-003	Matrix: SOIL		Received Dat	e: 11	/10/2023 11:46:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	RBC
Chloride	150	60	mg/Kg	20	11/13/2023 11:19:20 AM	78723
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analyst:	PRD
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	11/13/2023 9:31:03 AM	78722
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	11/13/2023 9:31:03 AM	78722
Surr: DNOP	98.6	69-147	%Rec	1	11/13/2023 9:31:03 AM	78722
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst:	JJP
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	11/11/2023 7:38:24 PM	78714
Surr: BFB	94.2	15-244	%Rec	1	11/11/2023 7:38:24 PM	78714
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst:	JR
Benzene	ND	0.023	mg/Kg	1	11/13/2023 11:16:48 AM	78714
Toluene	ND	0.046	mg/Kg	1	11/13/2023 11:16:48 AM	78714
Ethylbenzene	ND	0.046	mg/Kg	1	11/13/2023 11:16:48 AM	78714
Xylenes, Total	ND	0.093	mg/Kg	1	11/13/2023 11:16:48 AM	78714
Surr: 1,2-Dichloroethane-d4	93.0	64.8-147	%Rec	1	11/13/2023 11:16:48 AM	78714
Surr: 4-Bromofluorobenzene	101	62.1-144	%Rec	1	11/13/2023 11:16:48 AM	78714
Surr: Dibromofluoromethane	103	73-145	%Rec	1	11/13/2023 11:16:48 AM	78714
Surr: Toluene-d8	97.7	70-130	%Rec	1	11/13/2023 11:16:48 AM	78714

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

Oualifiers:

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

RL

Page 3 of 9

Client: Project:	Envir Doubl	otech le L Queen									
Sample ID:	MB-78723	SampT	уре: МЕ	LK	Tes	tCode: EF	A Method	300.0: Anions	5		
Client ID:	PBS	Batch	ID: 787	23	F	RunNo: 10	1151				
Prep Date:	11/13/2023	Analysis D	ate: 11	/13/2023	S	SeqNo: 37	16101	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-78723	SampT	ype: LC	s	Tes	tCode: EF	A Method	300.0: Anions	5		
Client ID:	LCSS	Batch	ID: 787	23	F	RunNo: 10	1151				
Prep Date:	11/13/2023	Analysis D	ate: 11	/13/2023	S	SeqNo: 37	'161 0 2	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	96.3	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
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- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 9

2311588

17-Nov-23

WO#:

Envirotech

Double L Queen

Client:

Project:

Client ID:

Prep Date:

Analyte

Sample ID: LCS-78722

LCSS

11/13/2023

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Result

SampType: LCS

Batch ID: 78722

Analysis Date: 11/13/2023

PQL

SPK value SPK Ref Val

Diesel Range C	rganics (DRO)	45	10	50.00	0	89.1	61.9	130			
Surr: DNOP		4.4		5.000		87.7	69	147			
Sample ID:	MB-78722	SampT	уре: МІ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batch	n ID: 78	722	F	RunNo: 1(01124				
Prep Date:	11/13/2023	Analysis D	Date: 1	1/13/2023	S	SeqNo: 37	713827	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C		ND	10								
Motor Oil Range Surr: DNOP	e Organics (MRO)	ND	50	40.00		05.7	CO	4 47			
Sull. DNOP		9.6		10.00		95.7	69	147			
Sample ID:	2311588-003AMS	SampT	уре: М	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	N. Wall TH 3@ 400	Batch	n ID: 78	722	F	RunNo: 1(01124				
Prep Date:	11/13/2023	Analysis D	Date: 1	1/13/2023	S	SeqNo: 37	714785	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	rganics (DRO)	46	9.9	49.46	0	92.9	54.2	135			
Surr: DNOP		4.3		4.946		86.2	69	147			
Sample ID:	2311588-003AMSD	SampT	уре: М	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	N. Wall TH 3@ 400	Batch	n ID: 78	722	F	RunNo: 10	01124				
Prep Date:	11/13/2023	Analysis D	Date: 1	1/13/2023	S	SeqNo: 37	714786	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	rganics (DRO)	48	10	49.90	0	96.5	54.2	135	4.67	29.2	
Surr: DNOP		4.9		4.990		97.7	69	147	0	0	
Sample ID:	LCS-78707	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batch	n ID: 78	707	F	RunNo: 1(01124				
Prep Date:	11/10/2023	Analysis D	Date: 1	1/13/2023	S	SeqNo: 37	714787	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		4.4		5.000		89.0	69	147			
Sample ID:	MB-78707	SampT	ype: MI	BLK	Tes	tCode: EF	PA Method	8015M/D: Die:	sel Range	Organics	
Client ID:	PBS	Batch	n ID: 78	707	F	RunNo: 10	01124				
Prep Date:	11/10/2023	Analysis D	Date: 1	1/13/2023	S	SeqNo: 37	714789	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
D Sample I H Holding ND Not Dete PQL Practical	ceeds Maximum Contaminan Diluted Due to Matrix iimes for preparation or analys cted at the Reporting Limit Quanitative Limit ery outside of standard limits.	sis exceeded	ults may be	estimated.	E Above Qua J Analyte de	antitation Rang tected below q I Not In Range	ssociated Method ge/Estimated Valu uantitation limits	le		Page 5	of 9

Page 30 of 68

17-Nov-23

Qual

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

Units: mg/Kg

%RPD

RPDLimit

HighLimit

RunNo: **101124** SeqNo: **3713824**

LowLimit

%REC

Client: Project:	Enviro Double	tech L Queen									
Sample ID:	MB-78707	SampTy	/pe: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batch	ID: 787	707	F	RunNo: 10)1124				
Prep Date:	11/10/2023	Analysis Da	ate: 11	/13/2023	5	SeqNo: 37	14789	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		9.8		10.00		98.5	69	147			

Qualifiers:

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

2311588

17-Nov-23

WO#:

Envirotech

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Project:	Double L	Queen									
Sample ID:			Гуре: LC					8015D: Gaso	line Range		
Client ID:	LCSS	Batcl	h ID: 787	714	F	RunNo: 1()1125				
Prep Date:	11/10/2023	Analysis E	Date: 11	/11/2023	S	SeqNo: 37	713950	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	5.0	25.00	0	98.9	70	130			
Surr: BFB		2000		1000		199	15	244			
Sample ID:	mb-78714	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batcl	h ID: 78 7	714	F	RunNo: 1(01125				
Prep Date:	11/10/2023	Analysis E	Date: 11	/11/2023	S	SeqNo: 37	713956	Units: mg/ł	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	ND	5.0								
Surr: BFB		940		1000		93.9	15	244			
Sample ID:	2311588-001ams	SampT	Гуре: МS	5	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	N. Wall TH 1@ 200	Batcl	h ID: 787	714	F	RunNo: 1(01125				
Prep Date:	11/10/2023	Analysis I	Date: 11	/12/2023	5	SeqNo: 37	714070	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	24	5.0	24.78	0	97.8	70	130			
Surr: BFB		2000		991.1		201	15	244			
Sample ID:	2311588-001amsd	SampT	Гуре: МS	D	Tes	tCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	N. Wall TH 1@ 200	Batcl	h ID: 787	714	F	RunNo: 1(01125				
Prep Date:	11/10/2023	Analysis E	Date: 11	/12/2023	S	SeqNo: 37	714071	Units: mg/ł	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	26	5.0	24.95	0	103	70	130	5.49	20	
Surr: BFB		2000		998.0		203	15	244	0	0	

Qualifiers:

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

2311588

17-Nov-23

WO#:

- Р Sample pH Not In Range
- Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2311588

17-Nov-23

Client:	Envirotec										
Project:	Double L	Queen									
Sample ID:	2311588-001ams	Samp	Гуре: МS	5	Tes	stCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID:	N. Wall TH 1@ 200	Batc	h ID: 78 7	714	F	RunNo: 1	01138				
Prep Date:	11/10/2023	Analysis [Date: 11	/13/2023	\$	SeqNo: 3	717242	Units: mg/K	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.87	0.025	0.9911	0	88.0	67.7	135			
Toluene		0.83	0.050	0.9911	0	84.1	70	130			
Surr: 1,2-Die	chloroethane-d4	0.47		0.4955		95.4	64.8	147			
Surr: 4-Bron	nofluorobenzene	0.53		0.4955		106	62.1	144			
Surr: Dibron	nofluoromethane	0.52		0.4955		105	73	145			
Surr: Toluer	ne-d8	0.46		0.4955		93.4	70	130			
Sample ID:	2311588-001amsd	Samp	Гуре: МS	D	Tes	stCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID:	N. Wall TH 1@ 200	Batc	h ID: 787	714	F	RunNo: 1	01138				
Prep Date:	11/10/2023	Analysis [Date: 11	/13/2023	\$	SeqNo: 3	717243	Units: mg/K	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.91	0.025	0.9980	0	90.7	67.7	135	3.68	20	
Toluene		0.89	0.050	0.9980	0	89.5	70	130	6.86	20	
Surr: 1,2-Die	chloroethane-d4	0.47		0.4990		93.5	64.8	147	0	0	
Surr: 4-Bron	nofluorobenzene	0.53		0.4990		105	62.1	144	0	0	
Surr: Dibron	nofluoromethane	0.51		0.4990		103	73	145	0	0	
Surr: Toluer	ne-d8	0.49		0.4990		97.5	70	130	0	0	
Sample ID:	lcs-78687	Samp	Гуре: LC	S	Tes	stCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID:	LCSS	Batc	h ID: 786	687	F	RunNo: 1	01138				
Prep Date:	11/9/2023	Analysis [Date: 11	/13/2023	\$	SeqNo: 3	717244	Units: %Red	C		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Die	chloroethane-d4	0.47		0.5000		94.9	64.8	147			
Surr: 4-Bron	nofluorobenzene	0.55		0.5000		110	62.1	144			
Surr: Dibron	nofluoromethane	0.50		0.5000		101	73	145			
Surr: Toluer	ne-d8	0.49		0.5000		97.8	70	130			
Sample ID:	lcs-78714	Samp	Гуре: LC	S	Tes	stCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID:	LCSS	Batc	h ID: 787	714	F	RunNo: 1	01138				
Prep Date:	11/10/2023	Analysis [Date: 11	/13/2023	\$	SeqNo: 3	717245	Units: mg/K	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.85	0.025	1.000	0	85.2	70	130			
Toluene		0.87	0.050	1.000	0	86.9	70	130			
Surr: 1,2-Die	chloroethane-d4	0.45		0.5000		90.8	64.8	147			
Surr: 4-Bron	nofluorobenzene	0.53		0.5000		105	62.1	144			
Surr: Dibron	nofluoromethane	0.50		0.5000		99.8	73	145			
Surr: Toluer	ne-d8	0.48		0.5000		96.2	70	130			
Surr: Toluer Qualifiers:		0.48			B Analyte de	96.2		130			

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 8 of 9

.

Page 33 of 68

Envirotech

Double L Queen

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Sample ID: mb-78687	SampType	: MBLK	Test	Code: EF	PA Method	8260B: Volati	les Short	List	
Client ID: PBS	Batch ID:	78687	R	unNo: 10	01138				
Prep Date: 11/9/2023	Analysis Date:	11/13/2023	S	eqNo: 37	717246	Units: %Rec	:		
Analyte	Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	0.46	0.5000		91.2	64.8	147			
Surr: 4-Bromofluorobenzene	0.52	0.5000		104	62.1	144			
Surr: Dibromofluoromethane	0.52	0.5000		105	73	145			
Surr: Toluene-d8	0.49	0.5000		98.0	70	130			
Sample ID: mb-78714	SampType	BLK	Test	Code: EF	PA Method	8260B: Volati	les Short	List	
Client ID: PBS	Batch ID:	78714	R	unNo: 10	01138				
Prep Date: 11/10/2023	Analysis Date:	11/13/2023	S	eqNo: 37	717247	Units: mg/K	g		
Analyte	Result P	QL 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		91.0	64.8	147			
Surr: 4-Bromofluorobenzene	0.53	0.5000		105	62.1	144			
Surr: Dibromofluoromethane	0.52	0.5000		104	73	145			
Surr: Toluene-d8	0.49	0.5000		98.9	70	130			

Qualifiers:

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

ND Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 9 of 9

WO#: 2311588

17-Nov-23

Client Name: Envirotech Work Order Number: 2311588 RcptNo: 1 Received By: Juan Rojas 11/10/2023 11:46:00 AM Hawhigh Image: Source Constrained State Constrating State Constrained State Constrained State Constrain	ofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 05-345-3975 FAX: 505-345-4107 site: www.hallenvironmental.com	Central, LLC II Hawkins NE rue, NM 87109 505-345-4107	4901 Albuquerqu 345-3975 FAX: 5	ironment Testin TEL: 505		🔅 eurof
Reviewed By: SCM 11/10/93 Chain of Custody 1. Is Chain of Custody complete? Yes No Not Present 2. How was the sample delivered? Client Client Log In S. Was an attempt made to cool the samples? Yes No NA 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 Image: No 6. Sufficient sample volume for indicated test(s)? Yes No Image: No 7. Are samples (except VOA and ONG) properly preserved? Yes No Image: No	Jer Number: 2311588 RcptNo: 1	1588	Number: 2311	Work Order	Envirotech	Client Name:
Reviewed By: SCM 11/10/93 Chain of Custody 1. Is Chain of Custody complete? Yes No Not Present 2. How was the sample delivered? Client Client Log In S. Was an attempt made to cool the samples? Yes No NA 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 Image: No 6. Sufficient sample volume for indicated test(s)? Yes No Image: No 7. Are samples (except VOA and ONG) properly preserved? Yes No Image: No	11:46:00 AM	4	:46:00 AM	s 11/10/2023 1	Juan Rojas	Received By:
Chain of Custody 1. Is Chain of Custody complete? Yes No Not Present 2. How was the sample delivered? Client Log In Client No NA 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 No 6. Sufficient sample volume for indicated test(s)? Yes No Image: Complex of the sample of the samples? 7. Are samples (except VOA and ONG) properly preserved? Yes No Image: Complex of the sample of	12:16:34 PM	T	2:16:34 PM	minguez 11/10/2023 1	Desiree Do	Completed By:
1. Is Chain of Custody complete? Yes No No Not Present 2. How was the sample delivered? Client Log In				1/10/23	SCMI	Reviewed By:
2. How was the sample delivered? Client Log In					stody	<u>Chain of Cu</u>
Log In No NA 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 Na 6. Sufficient sample volume for indicated test(s)? Yes No No 7. Are samples (except VOA and ONG) properly preserved? Yes No Image: Control of the sample volume for indicated test(s)?	Yes 🗌 No 🗹 Not Present 🗌		Yes	ete?	Custody comple	1. Is Chain of
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 Image: Control of the sample volume for indicated test(s)? 6. Sufficient sample volume for indicated test(s)? Yes ☑ No Image: Control of test(s) 7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No Image: Control of test(s)	<u>Client</u>	<u>nt</u>	<u>Clien</u>	ered?	e sample delive	2. How was th
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	Yes 🗹 No 🗌 NA 🗌	2 1	Yes	pol the samples?	mpt made to co	
6. Sufficient sample volume for indicated test(s)? Yes ✓ No 7. Are samples (except VOA and ONG) properly preserved? Yes ✓ No	6.0°C Yes 🗹 No 🗌 NA 🗌		C Yes	at a temperature of >0° C to 6.0	nples received	4. Were all sar
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No □	Yes 🗹 No 🗌		Yes	ner(s)?	n proper contair	5. Sample(s) i
	Yes 🗹 No 🗌	1	Yes	r indicated test(s)?	mple volume fo	6. Sufficient sa
8 Was preservative added to bottles? Yes 🗌 No 🗹 NA 🗌	Yes 🗹 No 🗌		Yes	and ONG) properly preserved?	(except VOA a	7. Are samples
	Yes 🗌 No 🗹 NA 🗌	1	Yes	bottles?	vative added to	8. Was preserver
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No No NA	N? Yes 🗌 No 🗍 NA 🗹	I	Yes	headspace <1/4" for AQ VOA?	least 1 vial with	9. Received at
10. Were any sample containers received broken? Yes No 🗹			Yes	rs received broken?	ample containe	10. Were any s
bottles checked	bottles checked					44 -
11. Does paperwork match bottle labels? Yes	Yes M No □ Ior pn. (<2 or/>12 unless noted)		Yes			
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No □ Adjusted?	Yes 🗹 No 🗌 Adjusted?		Yes	••		
13. Is it clear what analyses were requested? Yes 🗹 No 🗌			Yes			
14. Were all holding times able to be met? Yes ✓ No Checked by: // //-1/2-2 (If no, notify customer for authorization.)	Yes ✔ No Checked by: // //-10-23		Yes		-	
Special Handling (if applicable)						
15. Was client notified of all discrepancies with this order? Yes No No NA	Yes 🗌 No 🗍 NA 🗹		Yes			
						-
Person Notified: Date: By Whom: Via: Via: Person	· ·	ail 🗌 Phone			2	
Client Instructions:					-	-

16. Additional remarks:

Client information incomplete on COC. Use Envirotech as client for Greg Crabtree. -DAD 11/10/23

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.4	Good	Not Present	Morty		

Page 35 of 68

Received by OCD: 3/4/2024 2:49:19 PM

Chain-of-Custody Record				Turn-Around Time:											те	20					i.
Client:				Standard KRush I day			HALL ENVIRONMENTAL														
				Project Name:				www.hallenvironmental.com													
Mailing Address:				Double L'Ouren			4901 Hawkins NE - Albuquerque, NM 87109														
				Project #:				Τe	əl. 50	5-34	15-39	975	F	Fax	505-	-345	-410	7			
Phone #:				23002-0004			Analysis Request														
email or Fax#: (nonablace @ ens. notech-in.				Project Manager:			TMB's (8021)	Ô	6				SO4		1	ent)	-				
QA/QC Package:								W.	PCB's		8270SIMS					Abs					
□ Standard □ Level 4 (Full Validation)				Grey Crubthee				ß	2 P(20S		² , P			ent/				$\{ i \}_{i \in I}$	
Accreditation: Az Compliance				Grey Crabitice Sampler: A. Foute, Z. Garaz On Ice: Ites I No					808	4.1)			NO ₂ , PO ₄ ,	- 11	2	rese	23				
□ NELAC □ Other □ EDD (Type)				# of Coolers: Munt				DR DR	des/	150	0 or	als	0 ₃ ,	21	10/	L L	82	5			
		1		# of Coolers: 1 Cooler Temp(Including CF): U. 5-6.1 = 4.7 (°C)			H	5D((sticio	tho	831	Met	Ż	R	-ime	lifor	a.	iehe			
							2	801	Pe	۳,	s by	A 8	B	N	(Se	8	N	lei			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL NO. 2311588	BTEX / MTBE /	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310	RCRA 8 Metals	CI, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	BTEX by SZED	Cirlerreles			
11/4/23	11:40	5	N.Wall TH 10 200	40261055	200	-001		\mathbf{X}									X	X	10.00	0.00	
119/23	13:10	1	NiWall THZO 300	il-c blass	C00	-002		X				- 61					X	X	control de ser		
11/9/23	14:10	5	N. Wall TH 30 400	402 610.55	Cool	-003		X				10100	e-rst 1			20434	X	X	er ber		
					-7 - 46.72						-					-					
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Date: Time:		Relinquish	ed by:	Received by: 🗸 Via: Date Time																	


Environment Testing

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

November 29, 2023 Greg Crabtree Envirotech 5796 US Highway 64 Farmington, NM 87401 TEL: (505) 632-0615 FAX: (505) 632-1865

RE: Double L Queen

OrderNo.: 2311968

Dear Greg Crabtree:

Eurofins Environment Testing South Central, LLC received 5 sample(s) on 11/17/2023 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 do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Double L Queen

Project:

Analytical Report Lab Order 2311968

Date Reported: 11/29/2023

Hall Environmental	Analysis	Laboratory,	Inc.

Client Sample ID: N.Wall TH7@100' Collection Date: 11/14/2023 10:30:00 AM Pageived Date: 11/17/2023 12:00:00 PM

Lab ID: 2311968-001	Matrix: SOIL	Received Date: 11/17/2023 12:00:00 PM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ		
Chloride	170	59	mg/Kg	20	11/19/2023 2:00:27 PM	78892		
EPA METHOD 8015D MOD: GASOLI	NE RANGE				Analyst	: JR		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/20/2023 11:40:01 AM	78882		
Surr: BFB	107	70-130	%Rec	1	11/20/2023 11:40:01 AM	1 78882		
EPA METHOD 8015M/D: DIESEL RAI	NGE ORGANICS				Analyst	PRD		
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/20/2023 9:49:14 AM	78896		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/20/2023 9:49:14 AM	78896		
Surr: DNOP	85.8	69-147	%Rec	1	11/20/2023 9:49:14 AM	78896		
EPA METHOD 8260B: VOLATILES					Analyst	: JR		
Benzene	ND	0.024	mg/Kg	1	11/20/2023 11:40:01 AM	78882		
Toluene	ND	0.048	mg/Kg	1	11/20/2023 11:40:01 AM	1 78882		
Ethylbenzene	ND	0.048	mg/Kg	1	11/20/2023 11:40:01 AM	1 78882		
Xylenes, Total	ND	0.097	mg/Kg	1	11/20/2023 11:40:01 AM	1 78882		
Surr: Dibromofluoromethane	100	73-145	%Rec	1	11/20/2023 11:40:01 AN	78882		
Surr: 1,2-Dichloroethane-d4	98.3	64.8-147	%Rec	1	11/20/2023 11:40:01 AM	1 78882		
Surr: Toluene-d8	101	70-130	%Rec	1	11/20/2023 11:40:01 AM	1 78882		
Surr: 4-Bromofluorobenzene	101	62.1-144	%Rec	1	11/20/2023 11:40:01 AM	1 78882		

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

Qualifiers:

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

Double L Queen

Project:

Analytical Report Lab Order 2311968

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023
Client Sample ID: S.Wall TH2@100'

Collection Date: 11/14/2023 10:42:00 AM

Lab ID: 2311968-002 Matrix: SOIL Received Date: 11/17/2023 12:00:00 PM Result **RL Oual** Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 470 61 mg/Kg 20 11/19/2023 2:37:42 PM 78892 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JR Gasoline Range Organics (GRO) ND 4.7 mg/Kg 1 11/20/2023 12:08:17 PM 78882 Surr: BFB 11/20/2023 12:08:17 PM 78882 105 70-130 %Rec 1 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: PRD **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 11/20/2023 9:59:39 AM 78896 Motor Oil Range Organics (MRO) ND 1 78896 47 mg/Kg 11/20/2023 9:59:39 AM Surr: DNOP 84.0 11/20/2023 9:59:39 AM 78896 69-147 %Rec 1 **EPA METHOD 8260B: VOLATILES** Analyst: JR ND 11/20/2023 12:08:17 PM 78882 Benzene 0.023 mg/Kg 1 Toluene ND 0.047 mg/Kg 1 11/20/2023 12:08:17 PM 78882 Ethylbenzene ND 0.047 mg/Kg 1 11/20/2023 12:08:17 PM 78882 Xylenes, Total 0.094 mg/Kg 11/20/2023 12:08:17 PM 78882 ND 1 Surr: Dibromofluoromethane 104 73-145 %Rec 1 11/20/2023 12:08:17 PM 78882 Surr: 1,2-Dichloroethane-d4 99.0 64.8-147 %Rec 1 11/20/2023 12:08:17 PM 78882 Surr: Toluene-d8 98.8 70-130 %Rec 1 11/20/2023 12:08:17 PM 78882 Surr: 4-Bromofluorobenzene 102 62.1-144 %Rec 1 11/20/2023 12:08:17 PM 78882

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

Double L Queen

2311968-003

Project:

Lab ID:

Analytical Report Lab Order 2311968

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023
Client Sample ID: S.Wall TH4@200'

Collection Date: 11/14/2023 10:50:00 AM Received Date: 11/17/2023 12:00:00 PM

Result	RL	Qual Units	DF	Date Analyzed	Batch	
				Analy	st: JMT	
290	60	mg/Kg	20	11/19/2023 2:50:07 PI	A 78892	
RANGE				Analy	st: JR	
ND	4.9	mg/Kg	1	11/20/2023 12:36:37 F	PM 78882	
104	70-130	%Rec	1	11/20/2023 12:36:37 F	PM 78882	
ORGANICS				Analy	st: PRD	
ND	9.6	mg/Kg	1	11/20/2023 10:10:04 /	M 78896	
ND	48	mg/Kg	1	11/20/2023 10:10:04 #	M 78896	
83.2	69-147	%Rec	1	11/20/2023 10:10:04 A	M 78896	
				Analy	st: JR	
ND	0.025	mg/Kg	1	11/20/2023 12:36:37 F	PM 78882	
ND	0.049	mg/Kg	1	11/20/2023 12:36:37 F	PM 78882	
ND	0.049	mg/Kg	1	11/20/2023 12:36:37 F	PM 78882	
ND	0.098	mg/Kg	1	11/20/2023 12:36:37 F	PM 78882	
103	73-145	%Rec	1	11/20/2023 12:36:37 F	PM 78882	
101	64.8-147	%Rec	1	11/20/2023 12:36:37 F	PM 78882	
102	70-130	%Rec	1	11/20/2023 12:36:37 F	PM 78882	
100	62.1-144	%Rec	1	11/20/2023 12:36:37 F	PM 78882	
	290 RANGE ND 104 E ORGANICS ND ND 83.2 ND ND ND ND ND ND ND 103 101 102	290 60 RANGE ND 4.9 104 70-130 E ORGANICS ND 9.6 ND 48 83.2 69-147 ND 0.025 ND 0.049 ND 0.049 ND 0.049 ND 0.049 ND 0.098 103 73-145 101 64.8-147 102 70-130	290 60 mg/Kg RANGE ND 4.9 mg/Kg 104 70-130 %Rec E ORGANICS ND 9.6 mg/Kg ND 48 mg/Kg 83.2 69-147 %Rec ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.098 mg/Kg 103 73-145 %Rec 101 64.8-147 %Rec 102 70-130 %Rec	290 60 mg/Kg 20 RANGE ND 4.9 mg/Kg 1 104 70-130 %Rec 1 E ORGANICS ND 9.6 mg/Kg 1 ND 48 mg/Kg 1 ND 48 mg/Kg 1 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.098 mg/Kg 1 103 73-145 %Rec 1 101 64.8-147 %Rec 1 102 70-130 %Rec 1	Analysis Analysis 290 60 mg/Kg 20 11/19/2023 2:50:07 PM RANGE Analysis ND 4.9 mg/Kg 1 11/20/2023 12:36:37 F 104 70-130 %Rec 1 11/20/2023 12:36:37 F 104 70-130 %Rec 1 11/20/2023 12:36:37 F E ORGANICS Analysis Analysis ND 9.6 mg/Kg 1 11/20/2023 10:10:04 A ND 48 mg/Kg 1 11/20/2023 10:10:04 A 83.2 69-147 %Rec 1 11/20/2023 12:36:37 F ND 0.025 mg/Kg 1 11/20/2023 12:36:37 F ND 0.049 mg/Kg 1 11/20/2023 12:36:37 F ND 0.049 mg/Kg 1 11/20/2023 12:36:37 F ND 0.049 mg/Kg 1 11/20/2023 12:36:37 F ND 0.098 mg/Kg 1 11/20/2023 12:36:37 F ND 0.098 mg/Kg 1 11/20/2023 12:36:37 F 103 73-145 %Rec 1	

Matrix: SOIL

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

Qualifiers: *

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

Analytical Report Lab Order 2311968

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 11/29/2023
Client Sample ID: S.Wall TH2@300'

Project: Double L Queen Collection Date: 11/14/2023 11:08:00 AM Lab ID: 2311968-004 Matrix: SOIL Received Date: 11/17/2023 12:00:00 PM Result **RL Oual** Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 230 60 mg/Kg 20 11/19/2023 3:27:21 PM 78892 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JR Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 11/20/2023 1:05:01 PM 78882 Surr: BFB 11/20/2023 1:05:01 PM 78882 106 70-130 %Rec 1 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: PRD **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 11/20/2023 10:20:30 AM 78896 Motor Oil Range Organics (MRO) ND 1 11/20/2023 10:20:30 AM 78896 47 mg/Kg Surr: DNOP 90.6 %Rec 11/20/2023 10:20:30 AM 78896 69-147 1 **EPA METHOD 8260B: VOLATILES** Analyst: JR ND 0.025 11/20/2023 1:05:01 PM Benzene mg/Kg 78882 1 Toluene ND 0.049 mg/Kg 1 11/20/2023 1:05:01 PM 78882 Ethylbenzene ND 0.049 mg/Kg 1 11/20/2023 1:05:01 PM 78882 Xylenes, Total 0.099 mg/Kg 11/20/2023 1:05:01 PM 78882 ND 1 Surr: Dibromofluoromethane 105 73-145 %Rec 1 11/20/2023 1:05:01 PM 78882 Surr: 1,2-Dichloroethane-d4 98.7 64.8-147 %Rec 1 11/20/2023 1:05:01 PM 78882 Surr: Toluene-d8 98.2 70-130 %Rec 1 11/20/2023 1:05:01 PM 78882 Surr: 4-Bromofluorobenzene 102 62.1-144 %Rec 1 11/20/2023 1:05:01 PM 78882

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

Qualifiers: * Value exceeds Maximum Contaminant Level.

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2311968

Date Reported: 11/29/2023

CLIENT:	Envirotech		Client Sample ID: WC-242									
Project:	Double L Queen		(Collection Dat	e: 11	/16/2023 3:06:00 PM						
Lab ID:	2311968-005	Matrix: SOIL		Received Date: 11/17/2023 12:00:00 PM								
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA MET	HOD 300.0: ANIONS					Analys	st: JMT					
Chloride		4200	150	mg/Kg	50	11/20/2023 9:05:33 PM	/ 78892					
ΕΡΑ ΜΕΤ	THOD 8015D MOD: GASO	LINE RANGE				Analys	st: JR					
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	11/20/2023 1:33:27 PM	/ 78882					
Surr: E	BFB	106	70-130	%Rec	1	11/20/2023 1:33:27 PM	/ 78882					
ΕΡΑ ΜΕΊ	HOD 8015M/D: DIESEL R	ANGE ORGANICS				Analys	st: PRD					
Diesel Ra	ange Organics (DRO)	ND	9.9	mg/Kg	1	11/20/2023 10:30:57 A	M 78896					
Motor Oil	Range Organics (MRO)	ND	50	mg/Kg	1	11/20/2023 10:30:57 A	M 78896					
Surr: D	DNOP	89.6	69-147	%Rec	1	11/20/2023 10:30:57 A	M 78896					
ΕΡΑ ΜΕΊ	HOD 8260B: VOLATILES					Analys	st: JR					
Benzene		ND	0.024	mg/Kg	1	11/20/2023 1:33:27 PM	/ 78882					
Toluene		ND	0.049	mg/Kg	1	11/20/2023 1:33:27 PM	/ 78882					
Ethylbenz	zene	ND	0.049	mg/Kg	1	11/20/2023 1:33:27 PM	/ 78882					
Xylenes,	Total	ND	0.098	mg/Kg	1	11/20/2023 1:33:27 PN	/ 78882					
Surr: D	Dibromofluoromethane	103	73-145	%Rec	1	11/20/2023 1:33:27 PM	/ 78882					
Surr: 1	,2-Dichloroethane-d4	96.5	64.8-147	%Rec	1	11/20/2023 1:33:27 PM	/ 78882					
Surr: T	oluene-d8	99.8	70-130	%Rec	1	11/20/2023 1:33:27 PM	/ 78882					
Surr: 4	-Bromofluorobenzene	104	62.1-144	%Rec	1	11/20/2023 1:33:27 PN	/ 78882					

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

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

Released to Imaging: 3/8/2024 2:58:28 PM

Client: Project:	Envirot Double	ech L Queen								
	MB-78892 PBS	SampType: m Batch ID: 78			tCode: EP		300.0: Anions	5		
Prep Date:	11/19/2023	Analysis Date: 1	1/19/2023	S	SeqNo: 37 2	26155	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-78892	SampType: Ic:	6	Tes	tCode: EP	A Method	300.0: Anions	6		
Client ID:	LCSS	Batch ID: 78	892	F	RunNo: 10	1309				
Prep Date:	11/19/2023	Analysis Date: 1	1/19/2023	S	SeqNo: 37 2	26159	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	90.7	90	110			

Qualifiers:

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- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit
- Released to Imaging: 3/8/2024 2:58:28 PM

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WO#: 2311968 29-Nov-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	otech le L Queen									
Sample ID: LCS-78896	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batc	h ID: 78	896	RunNo: 101310						
Prep Date: 11/20/2023	Analysis [Date: 11	/20/2023	5	SeqNo: 37	726254	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.5	61.9	130			
Surr: DNOP	4.2		5.000		84.9	69	147			
Sample ID: MB-78896	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batc	h ID: 78	896	F	RunNo: 1(01310				
Prep Date: 11/20/2023	Analysis [Date: 11	/20/2023	S	SeqNo: 37	26255	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.8		10.00		87.6	69	147			

Qualifiers:

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

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Page 8 of 12

: 2311968 29-Nov-23

WO#:

Envirotech

Double L Queen

Client:

Project:

Sample ID: Ics-78882

Client ID: LCSS

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

Batch ID: 78882

Prep Date: 11/17/2023	Analysis [Date: 11	/20/2023	5	SeqNo: 37	26750	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.4	70	130			
Toluene	0.93	0.050	1.000	0	92.6	70	130			
Surr: Dibromofluoromethane	0.48		0.5000		95.7	73	145			
Surr: 1,2-Dichloroethane-d4	0.47		0.5000		93.2	64.8	147			
Surr: Toluene-d8	0.50		0.5000		99.1	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.7	62.1	144			
Sample ID: mb-78882	Samp	Гуре: МВ	BLK	Tes	tCode: EF	PA Method	8260B: Volati	les		
Client ID: PBS	Batc	h ID: 788	382	F	RunNo: 10)1313				
Prep Date: 11/17/2023	Analysis [Date: 11	/20/2023	S	SeqNo: 37	726751	Units: mg/K	g		
Prep Date: 11/17/2023 Analyte	Analysis [Result	Date: 11 PQL		s SPK Ref Val	SeqNo: 37 %REC	7 26751 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
							U	0	RPDLimit	Qual
Analyte	Result	PQL					U	0	RPDLimit	Qual
Analyte Benzene	Result ND	PQL 0.025					U	0	RPDLimit	Qual
Analyte Benzene Toluene	Result ND ND	PQL 0.025 0.050					U	0	RPDLimit	Qual
Analyte Benzene Toluene Ethylbenzene	Result ND ND ND	PQL 0.025 0.050 0.050					U	0	RPDLimit	Qual
Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Result ND ND ND ND	PQL 0.025 0.050 0.050	SPK value		%REC	LowLimit	HighLimit	0	RPDLimit	Qual
Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: Dibromofluoromethane	Result ND ND ND ND 0.48	PQL 0.025 0.050 0.050	SPK value 0.5000		%REC 96.2	LowLimit 73	HighLimit 145	0	RPDLimit	Qual

TestCode: EPA Method 8260B: Volatiles

RunNo: 101313

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank

- Р Sample pH Not In Range
- RL Reporting Limit

- в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

WO#:	2311968
	29-Nov-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:EnviroProject:Double	tech e L Queen									
Sample ID: Ics-78882	SampT	/pe: LC	S	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline R	ange	
Client ID: LCSS	Batch	Batch ID: 78882 RunNo: 101313								
Prep Date: 11/17/2023	Analysis Da	ate: 11	/20/2023	S	SeqNo: 37	726917	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	32	5.0	25.00	0	130	70	130			
Surr: BFB	530		500.0		106	70	130			
Sample ID: mb-78882	SampT	pe: ME	BLK	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline R	ange	
Client ID: PBS	Batch	ID: 788	382	F	RunNo: 1(01313				
Prep Date: 11/17/2023	Analysis Da	ate: 11	/20/2023	S	SeqNo: 37	726919	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	540		500.0		108	70	130			

Qualifiers:

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

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WO#: 2311968 29-Nov-23

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Page				

Eurofins Environment Testing South Central. LLC — 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

	Website: www	hallenvironmenta.	1.com		
Client Name: Envirotech	Work Order Numb	ber: 2311968		RcptNo:	1
Received By: Juan Rojas	11/17/2023 12:00:0	0 PM	fland g		
Completed By: Tracy Casarrubias	11/17/2023 12:32:5	6 PM			
Reviewed By: SCM 11/17/23					
Chain of Custody		•		_	
1. Is Chain of Custody complete?		Yes 🗋	No 🗹	Not Present	
2. How was the sample delivered?		<u>Client</u>			
Log In 3. Was an attempt made to cool the samples	?	Yes 🗹	No 🗌	NA 🗌	
			No 🗌	NA	
4. Were all samples received at a temperature		Yes 🗹			
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume for indicated test	s)?	Yes 🗹	Νο		
7. Are samples (except VOA and ONG) prope	rly preserved?	Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗌	
9. Received at least 1 vial with headspace <1/	4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any sample containers received brok	en?	Yes	No 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	bottles checked for pH:	>12 unless noted)
12. Are matrices correctly identified on Chain o	f Custody?	Yes 🔽	No 🗌	Adjusted?	
3. Is it clear what analyses were requested?		Yes 🗹	No 🗌		1-6
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by:	7411171
<u>Special Handling (if applicable)</u>					
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:	the short to be short to the second second				
Client Instructions: Mailing address	and phone number are	missing on COC	- TMC 11/17/23		
16. Additional remarks:					
	Seal Intact Seal No ot Present Yogi	Seal Date	Signed By		

Received by OCD: 3/4/2024 2:49:19 PM

C	onan-or-ouslouy necord		Turn-Around	Time:	pain co		14	and the second							_		_				
Client:	U	meco		□ Standard XRush Project Name:		HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com															
Mailing	Address	5:		Project #:			4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107														
Phone	#:			Csool- dool Analysis Request																	
	Package:		<u>בר 🛚 פאשו יסלכנא - ואב , כסש</u> Level 4 (Fuli Validation)	Drain at Manager		TMB's (8021)	DRO / MRO)	PCB's		8270SIMS		PO4, SO4									
Accreditation: Az Compliance NELAC Other CDD (Type)			On Ice: TYes TNo		MTBE / TMB'		Pesticides/8082	od 504.1)	5		NO ₂ ,		-VOA)	Total Coliform (Present/Absent)	0728 h	5					
Date	Time	Matrix	Sample Name	Container	(Including CF): 7 Preservative Type		BTEX / MI	TPH:8015D(GRO	8081 Pestic	EDB (Method	PAHs by 8310	RCRA 8 Metals	Cl, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total Colifo	BTEX by 9240	entoridus			
111410	10130	5	N. Wall TH ZOLOO	402 Glass	600	001		×									X	x	10	(24) 1	
11(4/2)	10:42	5	SiwallTH 20 100	4-2 Alass	C001	002		X									X	X			
illigen	10:56	5	5. Wall TH 40 200'			003		X				-				i eccia	×	x	10.1		
1114/23	11:07	5	5. Wall TH 20 300'			004		$\boldsymbol{\times}$									×	x			
116125	15:06	5	<u> ۱۹۷ - ۲۹۲</u>	4.26(23)	(00)	005		×									×	X			
					4													_	\downarrow		
11/19/123 12:00 Course			Received by: Received by:	Via: CDO / Via:	Date Time 117/23 12:00 Date Time	Rem	<u> </u> narks						[



Environment Testing

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

December 29, 2023 Greg Crabtree Envirotech 5796 US Highway 64

Farmington, NM 87401 TEL: (505) 632-0615 FAX: (505) 632-1865

RE: Double L Queen

OrderNo.: 2312883

Dear Greg Crabtree:

Eurofins Environment Testing South Central, LLC received 10 sample(s) on 12/14/2023 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 do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ient Sample II	D: O	ГНб	
Project: Double L Queen		(Collection Dat	e: 12	/11/2023 12:46:00 PM	1
Lab ID: 2312883-001	Matrix: SOIL		Received Dat	/14/2023 1:30:00 PM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: RBC
Chloride	440	60	mg/Kg	20	12/18/2023 2:05:38 PN	79454
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analys	t: JR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/16/2023 2:45:25 PN	79415
Surr: BFB	114	70-130	%Rec	1	12/16/2023 2:45:25 PM	79415
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	12/17/2023 3:18:41 PN	79429
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/17/2023 3:18:41 PM	79429
Surr: DNOP	113	69-147	%Rec	1	12/17/2023 3:18:41 PN	79429
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analys	t: JR
Benzene	ND	0.025	mg/Kg	1	12/16/2023 2:45:25 PN	79415
Toluene	ND	0.050	mg/Kg	1	12/16/2023 2:45:25 PN	79415
Ethylbenzene	ND	0.050	mg/Kg	1	12/16/2023 2:45:25 PM	79415
Xylenes, Total	ND	0.10	mg/Kg	1	12/16/2023 2:45:25 PN	79415
Surr: 1,2-Dichloroethane-d4	108	64.8-147	%Rec	1	12/16/2023 2:45:25 PN	79415
Surr: 4-Bromofluorobenzene	101	62.1-144	%Rec	1	12/16/2023 2:45:25 PN	79415
Surr: Dibromofluoromethane	95.0	73-145	%Rec	1	12/16/2023 2:45:25 PN	79415
Surr: Toluene-d8	102	70-130	%Rec	1	12/16/2023 2:45:25 PN	79415

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

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- Н Holding times for preparation or analysis exceeded
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- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ient Sample II	D: O	ГН7				
Project: Double L Queen		(Collection Dat	e: 12	/11/2023 12:56:00 PM	1			
Lab ID: 2312883-002	Matrix: SOIL		Received Dat	te: 12/14/2023 1:30:00 PM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	st: RBC			
Chloride	640	60	mg/Kg	20	12/18/2023 2:51:07 PM	1 79454			
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analys	st: JR			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/16/2023 3:12:55 PM	1 79415			
Surr: BFB	106	70-130	%Rec	1	12/16/2023 3:12:55 PM	1 79415			
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	st: PRD			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	12/17/2023 3:29:19 PM	1 79429			
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/17/2023 3:29:19 PM	1 79429			
Surr: DNOP	110	69-147	%Rec	1	12/17/2023 3:29:19 PM	1 79429			
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analys	st: JR			
Benzene	ND	0.025	mg/Kg	1	12/16/2023 3:12:55 PM	1 79415			
Toluene	ND	0.049	mg/Kg	1	12/16/2023 3:12:55 PM	1 79415			
Ethylbenzene	ND	0.049	mg/Kg	1	12/16/2023 3:12:55 PM	1 79415			
Xylenes, Total	ND	0.098	mg/Kg	1	12/16/2023 3:12:55 PM	1 79415			
Surr: 1,2-Dichloroethane-d4	106	64.8-147	%Rec	1	12/16/2023 3:12:55 PM	1 79415			
Surr: 4-Bromofluorobenzene	98.5	62.1-144	%Rec	1	12/16/2023 3:12:55 PM	1 79415			
Surr: Dibromofluoromethane	93.2	73-145	%Rec	1	12/16/2023 3:12:55 PM	1 79415			
Surr: Toluene-d8	98.2	70-130	%Rec	1	12/16/2023 3:12:55 PM	1 79415			

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

Qualifiers:

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

Released to Imaging: 3/8/2024 2:58:28 PM

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ent Sample II): O	ГН8	
Project: Double L Queen		C	collection Date	e: 12	/11/2023 1:32:00 PM	
Lab ID: 2312883-003	Matrix: SOIL		/14/2023 1:30:00 PM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: RBC
Chloride	390	60	mg/Kg	20	12/18/2023 3:06:16 PM	79454
EPA METHOD 8015D MOD: GASO	LINE RANGE				Analys	t: JR
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/16/2023 4:35:41 PM	79415
Surr: BFB	108	70-130	%Rec	1	12/16/2023 4:35:41 PN	79415
EPA METHOD 8015M/D: DIESEL R	ANGE ORGANICS				Analys	t: PRD
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	12/17/2023 3:39:58 PM	79429
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/17/2023 3:39:58 PM	79429
Surr: DNOP	113	69-147	%Rec	1	12/17/2023 3:39:58 PM	79429
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analys	t: JR
Benzene	ND	0.023	mg/Kg	1	12/16/2023 4:35:41 PM	79415
Toluene	ND	0.046	mg/Kg	1	12/16/2023 4:35:41 PN	79415
Ethylbenzene	ND	0.046	mg/Kg	1	12/16/2023 4:35:41 PN	79415
Xylenes, Total	ND	0.092	mg/Kg	1	12/16/2023 4:35:41 PN	79415
Surr: 1,2-Dichloroethane-d4	108	64.8-147	%Rec	1	12/16/2023 4:35:41 PN	79415
Surr: 4-Bromofluorobenzene	101	62.1-144	%Rec	1	12/16/2023 4:35:41 PM	79415
Surr: Dibromofluoromethane	91.9	73-145	%Rec	1	12/16/2023 4:35:41 PN	79415
Surr: Toluene-d8	100	70-130	%Rec	1	12/16/2023 4:35:41 PN	79415

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ent Sample II	D: O	ГН9				
Project: Double L Queen		C	Collection Date	e: 12	/11/2023 1:36:00 PM				
Lab ID: 2312883-004	Matrix: SOIL	-	Received Date	ate: 12/14/2023 1:30:00 PM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	t: RBC			
Chloride	480	60	mg/Kg	20	12/18/2023 3:21:25 PN	79454			
EPA METHOD 8015D MOD: GAS	SOLINE RANGE				Analys	t: JR			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/16/2023 5:03:02 PN	79415			
Surr: BFB	106	70-130	%Rec	1	12/16/2023 5:03:02 PN	79415			
EPA METHOD 8015M/D: DIESEL	RANGE ORGANICS				Analys	t: PRD			
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	12/17/2023 3:50:37 PN	79429			
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/17/2023 3:50:37 PN	79429			
Surr: DNOP	108	69-147	%Rec	1	12/17/2023 3:50:37 PN	79429			
EPA METHOD 8260B: VOLATILI	ES SHORT LIST				Analys	t: JR			
Benzene	ND	0.024	mg/Kg	1	12/16/2023 5:03:02 PN	79415			
Toluene	ND	0.049	mg/Kg	1	12/16/2023 5:03:02 PN	79415			
Ethylbenzene	ND	0.049	mg/Kg	1	12/16/2023 5:03:02 PN	79415			
Xylenes, Total	ND	0.097	mg/Kg	1	12/16/2023 5:03:02 PN	79415			
Surr: 1,2-Dichloroethane-d4	101	64.8-147	%Rec	1	12/16/2023 5:03:02 PN	79415			
Surr: 4-Bromofluorobenzene	103	62.1-144	%Rec	1	12/16/2023 5:03:02 PN	79415			
Surr: Dibromofluoromethane	90.0	73-145	%Rec	1	12/16/2023 5:03:02 PN	79415			
Surr: Toluene-d8	99.5	70-130	%Rec	1	12/16/2023 5:03:02 PN	79415			

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

* **Qualifiers:**

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ient Sample II	D: O7	ГН10					
Project: Double L Queen		Collection Date: 12/11/2023 1:41:00 PM								
Lab ID: 2312883-005	Matrix: SOIL		Received Dat	/14/2023 1:30:00 PM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analys	t: RBC				
Chloride	570	60	mg/Kg	20	12/18/2023 3:36:34 PM	1 79454				
EPA METHOD 8015D MOD: GAS	OLINE RANGE				Analys	t: JR				
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	12/16/2023 5:30:24 PM	1 79415				
Surr: BFB	106	70-130	%Rec	1	12/16/2023 5:30:24 PM	1 79415				
EPA METHOD 8015M/D: DIESEL	RANGE ORGANICS				Analys	t: PRD				
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	12/17/2023 4:11:46 PM	1 79430				
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/17/2023 4:11:46 PM	1 79430				
Surr: DNOP	109	69-147	%Rec	1	12/17/2023 4:11:46 PM	1 79430				
EPA METHOD 8260B: VOLATILE	S SHORT LIST				Analys	t: JR				
Benzene	ND	0.024	mg/Kg	1	12/16/2023 5:30:24 PM	1 79415				
Toluene	ND	0.048	mg/Kg	1	12/16/2023 5:30:24 PM	1 79415				
Ethylbenzene	ND	0.048	mg/Kg	1	12/16/2023 5:30:24 PM	1 79415				
Xylenes, Total	ND	0.096	mg/Kg	1	12/16/2023 5:30:24 PM	1 79415				
Surr: 1,2-Dichloroethane-d4	103	64.8-147	%Rec	1	12/16/2023 5:30:24 PM	1 79415				
Surr: 4-Bromofluorobenzene	101	62.1-144	%Rec	1	12/16/2023 5:30:24 PM	1 79415				
Surr: Dibromofluoromethane	91.5	73-145	%Rec	1	12/16/2023 5:30:24 PM	1 79415				
Surr: Toluene-d8	99.8	70-130	%Rec	1	12/16/2023 5:30:24 PM	1 79415				

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envi	irotech		Cli	ient Sample II	D: O	ГН4				
Project: Dou	ble L Queen		(Collection Dat	e: 12	/11/2023 2:48:00 PM				
Lab ID: 2312	2883-006	Matrix: SOIL	,	Received Date: 12/14/2023 1:30:00 I						
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD	300.0: ANIONS					Analys	t: RBC			
Chloride		190	60	mg/Kg	20	12/18/2023 4:22:01 PM	79454			
EPA METHOD	8015D MOD: GASO	LINE RANGE				Analys	t: JR			
Gasoline Range	e Organics (GRO)	ND	4.6	mg/Kg	1	12/16/2023 5:57:53 PM	79415			
Surr: BFB		107	70-130	%Rec	1	12/16/2023 5:57:53 PM	79415			
EPA METHOD	8015M/D: DIESEL R	ANGE ORGANICS				Analys	t: PRD			
Diesel Range C	Organics (DRO)	ND	9.3	mg/Kg	1	12/17/2023 4:22:34 PM	79430			
Motor Oil Rang	e Organics (MRO)	ND	46	mg/Kg	1	12/17/2023 4:22:34 PN	79430			
Surr: DNOP		85.3	69-147	%Rec	1	12/17/2023 4:22:34 PM	79430			
EPA METHOD	8260B: VOLATILES	SHORT LIST				Analys	t: JR			
Benzene		ND	0.023	mg/Kg	1	12/16/2023 5:57:53 PM	79415			
Toluene		ND	0.046	mg/Kg	1	12/16/2023 5:57:53 PN	79415			
Ethylbenzene		ND	0.046	mg/Kg	1	12/16/2023 5:57:53 PM	79415			
Xylenes, Total		ND	0.092	mg/Kg	1	12/16/2023 5:57:53 PM	79415			
Surr: 1,2-Dic	hloroethane-d4	109	64.8-147	%Rec	1	12/16/2023 5:57:53 PM	79415			
Surr: 4-Brom	ofluorobenzene	104	62.1-144	%Rec	1	12/16/2023 5:57:53 PM	79415			
Surr: Dibrom	ofluoromethane	98.6	73-145	%Rec	1	12/16/2023 5:57:53 PM	79415			
Surr: Toluene	e-d8	101	70-130	%Rec	1	12/16/2023 5:57:53 PN	79415			

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

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ient Sample II	D: O7	FH11				
Project: Double L Queen	Collection Date: 12/11/2023 9:51:00 AM								
Lab ID: 2312883-007	Matrix: SOIL		/14/2023 1:30:00 PM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	t: RBC			
Chloride	120	60	mg/Kg	20	12/18/2023 4:37:10 PM	1 79454			
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analys	t: JR			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	12/16/2023 6:25:10 PM	1 79415			
Surr: BFB	102	70-130	%Rec	1	12/16/2023 6:25:10 PM	1 79415			
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: PRD			
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	12/17/2023 4:33:21 PM	1 79430			
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	12/17/2023 4:33:21 PM	1 79430			
Surr: DNOP	85.7	69-147	%Rec	1	12/17/2023 4:33:21 PM	1 79430			
EPA METHOD 8260B: VOLATILES S	SHORT LIST				Analys	t: JR			
Benzene	ND	0.024	mg/Kg	1	12/16/2023 6:25:10 PM	1 79415			
Toluene	ND	0.049	mg/Kg	1	12/16/2023 6:25:10 PM	1 79415			
Ethylbenzene	ND	0.049	mg/Kg	1	12/16/2023 6:25:10 PM	1 79415			
Xylenes, Total	ND	0.097	mg/Kg	1	12/16/2023 6:25:10 PM	1 79415			
Surr: 1,2-Dichloroethane-d4	106	64.8-147	%Rec	1	12/16/2023 6:25:10 PM	1 79415			
Surr: 4-Bromofluorobenzene	103	62.1-144	%Rec	1	12/16/2023 6:25:10 PM	1 79415			
Surr: Dibromofluoromethane	93.9	73-145	%Rec	1	12/16/2023 6:25:10 PM	1 79415			
Surr: Toluene-d8	96.8	70-130	%Rec	1	12/16/2023 6:25:10 PM	1 79415			

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

* **Qualifiers:**

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ent Sample II): 01	ГН12				
Project: Double L Queen	Collection Date: 12/12/2023 9:54:00 AM								
Lab ID: 2312883-008	Matrix: SOIL		Received Dat	e: 12	/14/2023 1:30:00 PM				
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	t: RBC			
Chloride	290	61	mg/Kg	20	12/18/2023 4:52:19 PM	79454			
EPA METHOD 8015D MOD: GASOLINE	RANGE				Analys	t: JR			
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	12/16/2023 6:52:28 PM	79415			
Surr: BFB	108	70-130	%Rec	1	12/16/2023 6:52:28 PM	79415			
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analys	t: PRD			
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	12/18/2023 8:27:47 AM	79430			
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/18/2023 8:27:47 AM	79430			
Surr: DNOP	88.7	69-147	%Rec	1	12/18/2023 8:27:47 AM	79430			
EPA METHOD 8260B: VOLATILES SHO	RT LIST				Analys	t: JR			
Benzene	ND	0.023	mg/Kg	1	12/16/2023 6:52:28 PM	79415			
Toluene	ND	0.046	mg/Kg	1	12/16/2023 6:52:28 PM	79415			
Ethylbenzene	ND	0.046	mg/Kg	1	12/16/2023 6:52:28 PM	79415			
Xylenes, Total	ND	0.092	mg/Kg	1	12/16/2023 6:52:28 PM	79415			
Surr: 1,2-Dichloroethane-d4	110	64.8-147	%Rec	1	12/16/2023 6:52:28 PM	79415			
Surr: 4-Bromofluorobenzene	105	62.1-144	%Rec	1	12/16/2023 6:52:28 PM	79415			
Surr: Dibromofluoromethane	97.5	73-145	%Rec	1	12/16/2023 6:52:28 PM	79415			
Surr: Toluene-d8	103	70-130	%Rec	1	12/16/2023 6:52:28 PM	79415			

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ent Sample II	D: O	ГН14	
Project: Double L Queen		(Collection Dat	e: 12	/12/2023 10:06:00 AI	M
Lab ID: 2312883-009	Matrix: SOIL		/14/2023 1:30:00 PM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: RBC
Chloride	120	61	mg/Kg	20	12/18/2023 5:07:29 PM	1 79454
EPA METHOD 8015D MOD: GA	SOLINE RANGE				Analys	st: JR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/16/2023 7:19:43 PM	1 79415
Surr: BFB	107	70-130	%Rec	1	12/16/2023 7:19:43 PM	1 79415
EPA METHOD 8015M/D: DIESE	L RANGE ORGANICS				Analys	st: PRD
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	12/17/2023 4:54:51 PM	1 79430
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	12/17/2023 4:54:51 PM	1 79430
Surr: DNOP	83.4	69-147	%Rec	1	12/17/2023 4:54:51 PM	1 79430
EPA METHOD 8260B: VOLATIL	ES SHORT LIST				Analys	st: JR
Benzene	ND	0.025	mg/Kg	1	12/16/2023 7:19:43 PM	1 79415
Toluene	ND	0.050	mg/Kg	1	12/16/2023 7:19:43 PM	1 79415
Ethylbenzene	ND	0.050	mg/Kg	1	12/16/2023 7:19:43 PM	1 79415
Xylenes, Total	ND	0.099	mg/Kg	1	12/16/2023 7:19:43 PM	1 79415
Surr: 1,2-Dichloroethane-d4	110	64.8-147	%Rec	1	12/16/2023 7:19:43 PM	1 79415
Surr: 4-Bromofluorobenzene	100	62.1-144	%Rec	1	12/16/2023 7:19:43 PM	1 79415
Surr: Dibromofluoromethane	98.3	73-145	%Rec	1	12/16/2023 7:19:43 PM	1 79415
Surr: Toluene-d8	101	70-130	%Rec	1	12/16/2023 7:19:43 PM	1 79415

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312883

Date Reported: 12/29/2023

CLIENT: Envirotech		Cli	ent Sample II	D: O	ГН15				
Project: Double L Queen		0	Collection Date	e: 12	/12/2023 11:27:00 AN	Л			
Lab ID: 2312883-010	Matrix: SOIL		Received Date	nte: 12/14/2023 1:30:00 PM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	t: RBC			
Chloride	220	59	mg/Kg	20	12/18/2023 5:22:39 PN	79454			
EPA METHOD 8015D MOD: GASC	LINE RANGE				Analys	t: JR			
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/16/2023 7:47:11 PN	79415			
Surr: BFB	108	70-130	%Rec	1	12/16/2023 7:47:11 PN	l 79415			
EPA METHOD 8015M/D: DIESEL F	RANGE ORGANICS				Analys	t: PRD			
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	12/17/2023 5:05:34 PN	79430			
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/17/2023 5:05:34 PN	79430			
Surr: DNOP	87.6	69-147	%Rec	1	12/17/2023 5:05:34 PN	79430			
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analys	t: JR			
Benzene	ND	0.023	mg/Kg	1	12/16/2023 7:47:11 PN	79415			
Toluene	ND	0.047	mg/Kg	1	12/16/2023 7:47:11 PN	79415			
Ethylbenzene	ND	0.047	mg/Kg	1	12/16/2023 7:47:11 PN	79415			
Xylenes, Total	ND	0.094	mg/Kg	1	12/16/2023 7:47:11 PN	79415			
Surr: 1,2-Dichloroethane-d4	106	64.8-147	%Rec	1	12/16/2023 7:47:11 PN	l 79415			
Surr: 4-Bromofluorobenzene	103	62.1-144	%Rec	1	12/16/2023 7:47:11 PN	79415			
Surr: Dibromofluoromethane	96.8	73-145	%Rec	1	12/16/2023 7:47:11 PN	79415			
Surr: Toluene-d8	103	70-130	%Rec	1	12/16/2023 7:47:11 PN	79415			

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

Qualifiers:

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

Client: Project:	Envirote Double L								
Sample ID:	MB-79454	SampType:	MBLK	Tes	tCode: EPA Met	nod 300.0: Anion	s		
Client ID:	PBS	Batch ID:	79454	F	RunNo: 101932				
Prep Date:	12/18/2023	Analysis Date:	12/18/2023	S	SeqNo: 3760123	Units: mg/k	٢g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC LowLi	mit HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1	.5						
Sample ID:	LCS-79454	SampType:	LCS	Tes	tCode: EPA Metl	nod 300.0: Anion	s		
Client ID:	LCSS	Batch ID:	79454	F	RunNo: 101932				
Prep Date:	12/18/2023	Analysis Date:	12/18/2023	5	SeqNo: 3760124	Units: mg/k	٢g		
Analyte		Result PQ	L SPK value	SPK Ref Val	%REC LowLi	mit HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1	.5 15.00	0	94.5	90 110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е

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

Envirotech

Double L Queen

Client:

Project:

Client ID:

Prep Date:

Analyte

Surr: DNOP

Sample ID: LCS-79429

LCSS

12/17/2023

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

Batch ID: 79429

Analysis Date: 12/17/2023

PQL

Result

4.1

Diesel Range Organics (DRO) 45 10 50.00 0 90.4 61.9 130 Surr: DNOP 4.9 5.000 97.5 69 147 Sample ID: LCS-79430 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757085 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 47 10 50.00 0 93.1 61.9 130 Surr: DNOP 5.2 5.000 103 69 147 Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 Sample Organics (MRO) <th>Analyte</th> <th>Result PQL</th> <th>SPK value</th> <th>SPK Ref Val</th> <th>%REC</th> <th>LowLimit</th> <th>HighLimit</th> <th>%RPD</th> <th>RPDLimit</th> <th>Qual</th>	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sample ID: LCS-79430 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757085 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 47 10 50.00 0 93.1 61.9 130 Surr: DNOP 5.2 5.000 103 69 147 Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 Prep Date: 12/17/2023 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO	Diesel Range Organics (DRO)	45 10	50.00	0	90.4	61.9	130				
Client ID: LCSS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757085 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 47 10 50.00 0 93.1 61.9 130 Surr: DNOP 5.2 5.000 103 69 147 Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 10118: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA M	Surr: DNOP	4.9	5.000		97.5	69	147				
Client ID: LCSS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757085 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 47 10 50.00 0 93.1 61.9 130 Surr: DNOP 5.2 5.000 103 69 147 Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 10118: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA M	Sample ID: LCS-79430	SampType: L	cs	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics		
Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757085 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 47 10 50.00 0 93.1 61.9 130 Surr: DNOP 5.2 5.000 103 69 147 Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757086 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics	•							J.	J		
AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)471050.00093.161.9130Surr: DNOP5.25.00010369147Sample ID:MB-79429SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:79429RunNo:101885Prep Date:12/17/2023Analysis Date:12/17/2023SeqNo:3757086Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)ND1010Motor Oil Range Organics (DRO)ND50Surr: DNOP1210.0011669147Sample ID:MB-79430SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:79430RunNo:101885TestCode:EPA Method 8015M/D:Dies											
Diesel Range Organics (DRO) 47 10 50.00 0 93.1 61.9 130 Surr: DNOP 5.2 5.000 103 69 147 Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757086 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10	Prep Date: 12/1//2023	Analysis Date: 1	2/17/2023		seqino: 31	57085	Units: mg/K	g			
Surr: DNOP 5.2 5.000 103 69 147 Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757086 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD </td <td>Analyte</td> <td>Result PQL</td> <td>SPK value</td> <td>SPK Ref Val</td> <td>%REC</td> <td>LowLimit</td> <td>HighLimit</td> <td>%RPD</td> <td>RPDLimit</td> <td>Qual</td>	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sample ID: MB-79429 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79429 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757086 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surn: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10<	Diesel Range Organics (DRO)	47 10	50.00	0	93.1	61.9	130				
Client ID: PBS Batch ID: 79429 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757086 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 120 69 147	Surr: DNOP	5.2	5.000		103	69	147				
Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757086 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 SPK value SPK Ref Val %REC LowLimit </td <td>Sample ID: MB-79429</td> <td>SampType: M</td> <td>BLK</td> <td>Tes</td> <td>tCode: EF</td> <td>PA Method</td> <td>8015M/D: Die</td> <td>sel Range</td> <td>Organics</td> <td></td>	Sample ID: MB-79429	SampType: M	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics		
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 120 69 147	Client ID: PBS	Batch ID: 79	429	F	RunNo: 10)1885					
Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Surr: DNOP 12 10.00 120 69 147	Prep Date: 12/17/2023	Analysis Date: 1	2/17/2023	5	SeqNo: 37	757086	Units: mg/K	g			
Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 12 10.00 116 69 147 Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Sur: DND 12 10.00 120 69 147	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP1210.0011669147Sample ID:MB-79430SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:79430RunNo:101885Prep Date:12/17/2023Analysis Date:12/17/2023SeqNo:3757087Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)ND10ND50Sur:DNOP1210.0012069147	Diesel Range Organics (DRO)	ND 10									
Sample ID: MB-79430 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 ND 50 Sur: DNOP 12 10.00 120 69 147	Motor Oil Range Organics (MRO)	ND 50									
Client ID: PBS Batch ID: 79430 RunNo: 101885 Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10 <td>Surr: DNOP</td> <td>12</td> <td>10.00</td> <td></td> <td>116</td> <td>69</td> <td>147</td> <td></td> <td></td> <td></td>	Surr: DNOP	12	10.00		116	69	147				
Prep Date: 12/17/2023 Analysis Date: 12/17/2023 SeqNo:: 3757087 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) ND 10	Sample ID: MB-79430	SampType: M	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics		
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 12 10.00 120 69 147	Client ID: PBS	Batch ID: 79	430	F	RunNo: 10)1885					
Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 12 10.00 120 69 147	Prep Date: 12/17/2023	Analysis Date: 1	2/17/2023	Ş	SeqNo: 37	57087	Units: mg/K	g			
Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 12 10.00 120 69 147	Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP 12 10.00 120 69 147	Diesel Range Organics (DRO)	ND 10					-				
	Motor Oil Range Organics (MRO)	ND 50									
Sample ID: LCS-79438 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics	Surr: DNOP	12	10.00		120	69	147				
	Sample ID: LCS-79438	SampType: L(CS	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics		
Client ID: LCSS Batch ID: 79438 RunNo: 101904	Client ID: LCSS	Batch ID: 79	438	F	RunNo: 1(01904		-	-		
Prep Date: 12/18/2023 Analysis Date: 12/18/2023 SeqNo: 3758219 Units: %Rec	Prep Date: 12/18/2023	Analysis Date: 1	2/18/2023	5	SeqNo: 37	758219	Units: %Rec	;			

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

Units: mg/Kg

%RPD

RPDLimit

Qual

RunNo: 101885

SeqNo: 3757084

Qualifiers:

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

%REC

82.8

LowLimit

69

HighLimit

147

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

SPK value SPK Ref Val

5.000

WO#: 2312883 29-Dec-23

Client: Project:		Envirotech Double L Queen													
Sample ID:	MB-79438	SampT	уре: МЕ	BLK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics					
Client ID:	PBS	Batch ID: 79438				RunNo: 1(01904								
Prep Date:	12/18/2023	Analysis D	ate: 12	2/18/2023	ŝ	SeqNo: 37	58220	Units: %Rec							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Surr: DNOP		8.1		10.00		80.5	69	147							

Qualifiers:

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

29-Dec-23

WO#:

2312883

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

s Laboratory,	Inc.

Sample ID: 2312883-002ams	SampType: MS4 TestCode: EPA Method 8260B: Volatiles Short List										
Client ID: OTH7	Batc	h ID: 79 4	415	F	RunNo: 1(01888					
Prep Date: 12/15/2023	Analysis [Date: 12	/16/2023	S	SeqNo: 37	757270	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.0	0.025	0.9911	0	105	75.8	123				
Toluene	0.98	0.050	0.9911	0	99.3	68.3	130				
Ethylbenzene	1.0	0.050	0.9911	0	105	76.6	132				
Xylenes, Total	3.2	0.099	2.973	0	109	74.7	132				
Surr: 1,2-Dichloroethane-d4	0.53		0.4955		106	64.8	147				
Surr: 4-Bromofluorobenzene	0.51		0.4955		102	62.1	144				
Surr: Dibromofluoromethane	0.47		0.4955		93.9	73	145				
Surr: Toluene-d8	0.47 0.4955 94.1 70 130										
Sample ID: 2312883-002amsd	Samp	Гуре: МS	5D4	Tes	tCode: EF	PA Method	8260B: Volat	iles Short	List		
Client ID: OTH7	Batc	h ID: 79 4	115	F	RunNo: 1(01888					
Prep Date: 12/15/2023	Analysis [Date: 12	/16/2023	Ş	SeqNo: 37	757271	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.0	0.025	0.9891	0	104	75.8	123	1.57	20		
Toluene	1.0	0.049	0.9891	0	104	68.3	130	4.24	20		
Ethylbenzene	1.0	0.049	0.9891	0	103	76.6	132	1.98	20		
Xylenes, Total	3.2	0.099	2.967	0	108	74.7	132	0.889	20		
Surr: 1,2-Dichloroethane-d4	0.54		0.4946		110	64.8	147	0	0		
Surr: 4-Bromofluorobenzene	0.52		0.4946		104	62.1	144	0	0		
Surr: Dibromofluoromethane	0.47		0.4946		94.6	73	145	0	0		
Surr: Toluene-d8	0.48		0.4946		96.8	70	130	0	0		
Sample ID: Ics-79415	Samp	Гуре: LC	S4	Tes	tCode: EF	PA Method	8260B: Volati	iles Short	List		
Client ID: BatchQC	Batc	h ID: 79 4	415	F	RunNo: 1(01888					
Prep Date: 12/15/2023	Analysis [Date: 12	/16/2023	S	SeqNo: 37	757290	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.0	0.025	1.000	0	99.9	80	120				
Toluene	0.93	0.050	1.000	0	93.2	80	120				
Ethylbenzene	0.96	0.050	1.000	0	95.8	80	120				
Xylenes, Total	3.0	0.10	3.000	0	100	80	120				
Surr: 1,2-Dichloroethane-d4	0.55		0.5000		110	64.8	147				
Surr: 4-Bromofluorobenzene	0.53		0.5000		106	62.1	144				
0	0.47		0.5000		93.3	73	145				
Surr: Dibromofluoromethane	0.47		0.0000		00.0						

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

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

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WO#: 2312883 29-Dec-23

KEPUKI	WO#:	2312883	
al Analysis Laboratory, Inc.		29-Dec-23	

Client:EnvirotechProject:Double L Queen

Sample ID: mb-79415	Samp	Гуре: МЕ	BLK	TestCode: EPA Method 8260B: Volatiles Short List									
Client ID: PBS	Batc	h ID: 79 4	415	F	RunNo: 101888								
Prep Date: 12/15/2023	Analysis [Date: 12	2/16/2023	SeqNo: 3757291 U		Units: mg/K							
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	0.54		0.5000		108	64.8	147						
Surr: 4-Bromofluorobenzene	0.51		0.5000		101	62.1	144						
Surr: Dibromofluoromethane	0.47		0.5000		94.0	73	145						
Surr: Toluene-d8	0.50		0.5000		100	70	130						

Qualifiers:

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

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	Envirotec	h									
Project:	Double L	Queen									
Sample ID:	lcs-79415	SampT	Гуре: LC	S	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline R	Range	
Client ID:	LCSS	Batch	h ID: 79 4	415	F	RunNo: 1(01888				
Prep Date:	12/15/2023	Analysis D	Date: 12	2/16/2023	S	SeqNo: 37	757474	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	28	5.0	25.00	0	111	70	130			
Surr: BFB		580		500.0		115	70	130			
Sample ID:	mb-79415	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline R	Range	
Client ID:	PBS	Batch	h ID: 79 4	415	F	RunNo: 1(01888				
Prep Date:	12/15/2023	Analysis Date: 12/16/2023 SeqNo: 3757475						Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	ND	5.0								
Surr: BFB		550		500.0		109	70	130			
Sample ID:	2312883-001ams	SampT	Гуре: МS	6	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline F	Range	
Client ID:	OTH6	Batch	h ID: 79 4	415	F	RunNo: 1(01888				
Prep Date:	12/15/2023	Analysis D	Date: 12	2/17/2023	S	SeqNo: 37	758286	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	27	5.0	24.98	0	110	70	130			
Surr: BFB		540		499.5		109	70	130			
Sample ID:	2312883-001amsd	SampT	Гуре: МS	D	Tes	tCode: EF	PA Method	8015D Mod: (Gasoline R	Range	
Client ID:	ОТН6	Batch	h ID: 79 4	415	F	RunNo: 1(01888				
Prep Date:	12/15/2023	Analysis D	Date: 12	2/17/2023	S	SeqNo: 37	758287	Units: mg/K	g		

	/		////2020			9				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0 24.90 0 118		70	130	6.86	20			
Surr: BFB	560		498.0		112	70	130	0	0	

Qualifiers:

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

WO#:	2312883
	29-Dec-23

🐝 eurofi	ins Environment To		490 buquerq '5 FAX:	Central, 1 Hawkir ue, NM 8 505-345-	. LLC as NE Sai 27109 4107	nple Log-In Che	eck List
Client Name:	Envirotech	Work Order Numbe	er: 2312	2883		RcptNo: 1	
Received By:	Juan Rojas	12/14/2023 1:30:00 F	M		Heaveng		
Completed By:	Cheyenne Cason	12/14/2023 2:11:52 F	PM		Gene Gene		
Reviewed By:	-202 12	14/23					
Chain of Cus	stody						
1. Is Chain of C	Sustody complete?		Yes	\checkmark	No 🗌	Not Present	
2. How was the	sample delivered?		<u>Clier</u>	<u>nt</u>			
<u>Log In</u> 3. Was an atten	npt made to cool the sample	s?	Yes		No 🗌	NA 🗌	
4. Were all sam	ples received at a temperatu	re of >0° C to 6.0°C	Yes		No 🗌		
5. Sample(s) in	proper container(s)?		Yes	\checkmark	No 🗌		
6. Sufficient san	nple volume for indicated tes	t(s)?	Yes		No 🗌		
7. Are samples	(except VOA and ONG) prop	erly preserved?	Yes	\checkmark	No 🗌		
8. Was preserva	ative added to bottles?		Yes		No 🗹	NA	
9. Received at le	east 1 vial with headspace <	1/4" for AQ VOA?	Yes		No 🗌	NA 🗹	
10. Were any sa	mple containers received bro	ken?	Yes		No 🗹	# of preserved	
	ork match bottle labels?		Yes	V	No 🗌	bottles checked for pH:	2 unless noted)
•	ancies on chain of custody) correctly identified on Chain	of Custody?	Yes	V	No 🗌	Adjusted?	dilloco notody
	at analyses were requested?	of Ouslody!	Yes				
14. Were all hold	ling times able to be met? customer for authorization.)		Yes	✓	No 🗌	Checked by: TM	c 12/14/27
Special Hand	ling (if applicable)				,	<i>(</i>	
	otified of all discrepancies wi	th this order?	Yes		No 🗌	NA 🗹	
By Wh Regard		Date: Via:	_] eMa	ail 🗌 I	Phone 🗌 Fax	In Person	
16. Additional re	emarks:						
17. <u>Cooler Info</u> Cooler No 1	o Temp °C Condition	Seal Intact Seal No Not Present Morty	Seal D	ate	Signed By		

Page 66 of 68

Received by OCD: 3/4/2024 2:49:19 PM

Chain-of-Custody Record		Turn-Around Time:				HALL ENVIRONMENTAL															
Client:	NMO	c0		□ Standard Project Name	Rush	2 Dauf				A	N	AL	YS	IS	L	AB	0			OR	
						1										al.co					
Mailing	Address				rpl-r h Qu	rein		490)1 Ha	awkii	ns N	IE -				e, NI					
				Project #:				Te	I. 50	5-34	5-39	-	-			345-		7			
Phone #	<i>‡</i> :			23	402-000	4	Analysis Request														
email o	Fax#:	crabte	e Benvirotech-inc. com	Project Mana	ager:		5	Ô	<i>"</i>				SO4		l'enne	ent)		12 dade 12 da			
QA/QC I	Package:						TMB's (8021)	DRO / MRO)	PCB's		8270SIMS	2	PO4,			/Abs	1				
🗆 Stan	dard		Level 4 (Full Validation)	Gr	ey Crubt	rec	B's	SR SR			202		NO ₂ , F			sent	0				
Accredi			mpliance	Sampler: C	_ Garua □ Yes		P	0/1	/808	504.1)	or 82	11		£.,	(A	Pres	126	-			
		□ Other		# of Coolers: Morty			B	(GR	ides	2 Q	5	etals	S		2	Ē	3	Jes			
	(1ype)_	_					Ξ	15D	stic	etho	V 83	N N	<u>ب</u>	OA	emi	olifo	4 7	5			
			Sampla Nama	Container Type and #	Preservative Type	HEAL NO. 7312883	BTEX / MTBE	TPH:8015D(GRO /	8081 Pesticides/8082	EDB (Method	PAHs by 8310	RCRA 8 Metals	Cl, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	13TEX by 8160	Chlon			
		Matrix	Sample Name			001		X				—	—				Х	X			
12/112	12:46	5	07146	202 Glass	cool	and the second second		~										<u> </u>			
12/11/23	12:56		0TH 7			202									-	-	\vdash	+	-		
12/11/23	13:52		0+1+8			003							_		-	<u> </u>		\vdash	—		
Sec.30	13:36		0749			004									<u> </u>	-		4	-		
	17:411		01410			005										_		4	-	\square	
	14:419		OTHH			006								100				Щ	<u> </u>		
	9:51		OTH 11			007								<u> </u>							
	9:54		OTHIC			008												Ш.	<u> </u>	 	
	10:06		OTHIN			009			<u> </u>		1					_		4		 	
the second se	11:27		OTHIS	1		012010		7							1	1	7	-			
		1									100				1.0						
Date:	Time:	Relinquis	hed by:	Received by:	VP:	Date Time	Re	mark	s:												
12/14/1	5 15:3	to Co	man	K	ano	12/14/23 13:30	_														
Date:	Time:	Relinquis	hed by:	Received by:	Via:	Date Time															

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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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

OGRID:
269864
Action Number:
319986
Action Type:
[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Variance request is approved.	3/8/2024

Action 319986