

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

August 06, 2020

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: FAX:

OrderNo.: 2007D62

RE: ER S Hackberry

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 3 sample(s) on 7/28/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report
Lab Order 2007D62

Date Reported: 8/6/2020

CLIENT: Talon Artesia Project: ER S Hackberry			ient Sample II		G-East 27/2020 10:00:00 AM	
Project:ER S HackberryLab ID:2007D62-001	Matrix: SOIL				28/2020 11:25:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	200	60	mg/Kg	20	7/30/2020 7:45:10 PM	54068
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/30/2020 7:55:39 PM	54031
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/30/2020 7:55:39 PM	54031
Surr: DNOP	98.7	30.4-154	%Rec	1	7/30/2020 7:55:39 PM	54031
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/30/2020 9:03:32 PM	54029
Surr: BFB	94.4	75.3-105	%Rec	1	7/30/2020 9:03:32 PM	54029

Hall Environmental Analysis Laboratory, Inc.

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2007D62

Date Reported: 8/6/2020

CLIENT: Talon Artesia		Cl	ient Sample I	D: B(G-South	
Project: ER S Hackberry		(Collection Dat	e: 7/2	27/2020 10:10:00 AM	
Lab ID: 2007D62-002	Matrix: SOIL		Received Dat	e: 7/2	28/2020 11:25:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CJS
Chloride	160	60	mg/Kg	20	7/30/2020 7:57:35 PM	54068
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/30/2020 8:19:55 PM	54031
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/30/2020 8:19:55 PM	54031
Surr: DNOP	90.7	30.4-154	%Rec	1	7/30/2020 8:19:55 PM	54031
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/30/2020 9:27:04 PM	54029
Surr: BFB	95.9	75.3-105	%Rec	1	7/30/2020 9:27:04 PM	54029

Hall Environmental Analysis Laboratory, Inc.

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2007D62

Date Reported: 8/6/2020

CLIENT: Talon Artesia		Cl	ient Sample II	D: B(G-West	
Project: ER S Hackberry		(Collection Dat	e: 7/2	27/2020 10:20:00 AM	
Lab ID: 2007D62-003	Matrix: SOIL		Received Dat	e: 7/2	28/2020 11:25:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	ЈМТ
Chloride	120	60	mg/Kg	20	7/30/2020 11:31:16 PM	54076
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	7/30/2020 8:44:28 PM	54031
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/30/2020 8:44:28 PM	54031
Surr: DNOP	97.1	30.4-154	%Rec	1	7/30/2020 8:44:28 PM	54031
EPA METHOD 8015D: GASOLINE RANG	SE				Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/30/2020 9:50:31 PM	54029
Surr: BFB	96.0	75.3-105	%Rec	1	7/30/2020 9:50:31 PM	54029

Hall Environmental Analysis Laboratory, Inc.

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

Qualifiers: *

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QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2007D62

Client: Project:	Talon Art ER S Hac										
Sample ID: MB		SampTy						300.0: Anion:	S		
Client ID: PB	-		ID: 54 0			lunNo: 7					
Prep Date: 7/	30/2020	Analysis Da	ite: 7/	30/2020	5	eqNo: 24	461887	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LC	S-54076	SampTy	pe: Ics		Tes	tCode: El	PA Method	300.0: Anions	s		
Client ID: LC	SS	Batch	ID: 54	076	F	unNo: 7	0743				
Prep Date: 7/	30/2020	Analysis Da	ite: 7/	30/2020	5	eqNo: 24	461888	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	91.6	90	110			
Sample ID: MB	3-54068	SampTy	pe: mb	olk	Tes	tCode: El	PA Method	300.0: Anions	S		
Client ID: PB	S	Batch	ID: 54	068	F	unNo: 7	0745				
Prep Date: 7/	30/2020	Analysis Da	ite: 7/	30/2020	S	eqNo: 24	461989	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LC	S-54068	SampTy	pe: Ics		Tes	tCode: El	PA Method	300.0: Anion:	s		
Client ID: LC	SS	Batch	ID: 540	068	F	lunNo: 7	0745				
Prep Date: 7/	30/2020	Analysis Da	ite: 7/	30/2020	S	eqNo: 24	461990	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.7	90	110			

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RL Reporting Limit

Client: Talon A Project: ER S H	artesia ackberry									
Sample ID: LCS-54031	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 54	031	F	RunNo: 70	0721				
Prep Date: 7/29/2020	Analysis D	ate: 7/	30/2020	S	SeqNo: 24	462396	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	106	70	130			
Surr: DNOP	4.6		5.000		92.0	30.4	154			
Sample ID: MB-54031	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 54	031	F	RunNo: 7 (0721				
Prep Date: 7/29/2020	Analysis D	ate: 7/	30/2020	5	SeqNo: 24	462397	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		94.2	30.4	154			

Qualifiers:

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

Client: Talon A Project: ER S H	artesia ackberry										
Sample ID: Ics-54029	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e		
Client ID: LCSS	Batch	n ID: 540	029	R	lunNo: 7	0748					
Prep Date: 7/29/2020	Analysis D	ate: 7/	30/2020	S	eqNo: 24	462199	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.9	72.5	106				
Surr: BFB	1000		1000		105	75.3	105				
Sample ID: mb-54029	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e		
Client ID: PBS	Batch	n ID: 540	029	R	tunNo: 7	0748					
Prep Date: 7/29/2020	Analysis D	ate: 7/	30/2020	S	eqNo: 24	462201	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	980		1000		98.1	75.3	105				

Qualifiers:

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orting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-39	4901 Hawki Ibuquerque, NM 8	ns NE 87109 Sam -4107	iple Log-In C	heck List
Client Name: Talon Artesia	Work Order Numb	er: 2007D62		RcptNo:	1
Received By: Juan Rojas	7/28/2020 11:25:00	AM	Heans &	-	
Completed By: Juan Rojas Reviewed By:	7/28/2020 11:47:45, 7/27/20	AM	(Juan and		
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present	
2. How was the sample delivered?		<u>Courier</u>			
Log In 3. Was an attempt made to cool the samples	s?	Yes 🗹	No 🗌	NA 🗌	
4. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes 🔽	No 🗌	NA 🗌	
5. Sample(s) in proper container(s)?		Yes 🗹	No		
6. Sufficient sample volume for indicated test	i(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) prop	erly 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 🔽	
0. Were any sample containers received bro	ken?	Yes 🗌	No 🗹	# of preserved	/
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	bottles checked for pH:	#12 unless noted)
2. Are matrices correctly identified on Chain of	of Custody?	Yes 🗹	No 🗌	Adjusted2	
3. Is it clear what analyses were requested?	-	Yes 🗹	No 🗌		-71
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes 🗹	No 🗌	Phecked by:	me The
Special Handling (if applicable)					
15. Was client notified of all discrepancies wit	h this order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date				
By Whom:	Via:	🗌 eMail 📃 I	Phone 🗌 Fax	ln Person	
Regarding:					
Client Instructions:			**************************************		

Chain-of-Custody Record	Turn-Around Time:		41 aug							NOS NOS	ENVTRONMENTAL		
Client: Talon LPE	以 Standard	🗆 🗆 Rush						Ś	Ŋ	ABC	ANALYSIS LABORATORY	Å	
408 W Texas St	Project Name:					Ņ	ww.ha	lenvir	onme	www.hallenvironmental.com			
Mailing Address: Artesia, NM 88210	re ts'	dlose & 1292121	9. <i>K</i> .U.	4	901 H	awkin	Ш Z	Albu	querq	4901 Hawkins NE - Albuquerque, NM 87109	37109		
	Project #:		. p.	•	Tel. 50	505-345-3975	-3975	Fax	x 50	505-345-4107	07		
Phone #, 575-441-0980	101901	088,0						nalys	is Re	Analysis Request			
email or Fax#: (575) 746-8905	Project Manager:	ger.						[†] OS		(ìue			
45	Rebecca Pons	ns					OMIC	5 ¹ 700		∋edA∖			
Standard Level 4 (Full Validation)								3' F		tue			
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	# of Coolers:		Díu					10 ^{3†}					
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	Container	Preservative	HEAL No.	1EX /	əd 180	M) 80	vd eHA 8 Aମጋ		9S) 022	otal Co		<u> </u>	
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Date: Time: Relinquished by:	Received by	Via:	Date Time	Remarks: Dadk	ks: adkins	Plea @tak	se c(the	follo	ving vi	arks: Please cc the following via email: Dadkins@talonipe.com		
Date: Time: Relinguished by:	Received	Via:	Date Time	മ്	Rpons@talonlpe.com Bsinclair@talonlpe.com	®talon r@tal	lpe.cc onlpe.	E mos					
1/a/a/ 061 oz/a/	12/	L course	~ 7/18/20 11:23	,		-							
If necessary, samples submitted to Hall Environmental may be subcontracted to	bcontracted to other a	ccredited laboratories	other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	possibilit	/. Any si	ub-contra	cted dat	ı will be c	learly n	otated on the	e analytical report		