

From: [Coral Richline](#)
To: [Yu, Olivia, EMNRD](#); agroves@slo.state.nm.us
Cc: [Reggie Phillips](#); [Melissa Luke](#)
Subject: FW: -EXTERNAL- [FWD: Report and Invoice for Vizalizer ST LR]
Date: Tuesday, October 24, 2017 4:11:09 PM
Attachments: image001.png
7J16018 PBELSTD_NELAC_COC_PDF_NEW.rev1 (1) FINAL 10 24 17 1012.pdf
7100175 INV 10 24 17 101304.PDF

Olivia,

This should be everything you need: the lab report back, and a Google Earth image showing the location of the samples and an approximate area. Let me know if you need anything else.

Thanks,

Coral Richline

Senior Environmental Analyst
Centennial Resource Development, Inc
400 W. Illinois, Suite 1601
Midland, TX 79701
Mobile : (720) 607-0411
Office: (432) 219-5335
Coral.Richline@cdevinc.com



From: ronny@reflowenergy.com [mailto:ronny@reflowenergy.com]
Sent: Tuesday, October 24, 2017 10:58 AM
To: Coral Richline <Coral.Richline@cdevinc.com>
Subject: -EXTERNAL- [FWD: Report and Invoice for Vizalizer ST LR]

WARNING: The sender of this email could not be validated and may not match the person in the "From" field.

If you have any questions please feel free to contact me at 432-288-4101.

Thank you for your time,

Ronny Crawford

Managing Partner
Reflow Energy Solutions, LLC
OFF: 432-695-6358
FAX: 432-695-6938

----- Original Message -----

Subject: Report and Invoice for Vizalizer ST LR

From: Brent Barron <brentbarron@pbelab.com>
Date: Tue, October 24, 2017 10:12 am
To: ronny@reflowenergy.com, Sara Gotcher <sara@pbelab.com>, Candace Hughes <candace@pbelab.com>, beau@reflowenergy.com

Complete

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Brent Barron
Technical Director
Permian Basin Environmental Lab, LP
Office: 432-686-7235
Cell: 432-661-4184

Please take time to fill out our survey if you are one of our Clients!
<https://www.surveymonkey.com/r/GWKDG3P>

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**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Ronny Crawford
Reflow Energy Solutions
2816 Rankin Hwy
Midland, TX 79706

Project: Vizalizer St. Lease Rd

Project Number: [none]

Location: NM

Lab Order Number: 7J16018



NELAP/TCEQ # T104704516-16-7

Report Date: 10/24/17

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample 1 32.454273,-103.487550	7J16018-01	Soil	10/13/17 14:43	10-16-2017 14:38
Sample 2 32.454310,-103.487591	7J16018-02	Soil	10/13/17 14:55	10-16-2017 14:38
Sample 3 32.454253,-103.487603	7J16018-03	Soil	10/13/17 15:04	10-16-2017 14:38
Sample 4 32.454294,-103.487639	7J16018-04	Soil	10/13/17 15:09	10-16-2017 14:38

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Sample 1 32.454273,-103.487550

7J16018-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00111	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Toluene	ND	0.00222	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Ethylbenzene	ND	0.00111	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Xylene (o)	ND	0.00111	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Surrogate: 4-Bromofluorobenzene		97.0 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B
Surrogate: 1,4-Difluorobenzene		100 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B
C6-C12	ND	27.8	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
>C12-C28	ND	27.8	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
>C28-C35	ND	27.8	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
Surrogate: 1-Chlorooctane		110 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005
Surrogate: o-Terphenyl		129 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005
Total Hydrocarbon nC6-nC35	ND	27.8	mg/kg dry	1	[CALC]	10/17/17	10/17/17	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	104	1.11	mg/kg dry	1	P7J2012	10/20/17	10/23/17	EPA 300.0
% Moisture	10.0	0.1	%	1	P7J1711	10/17/17	10/18/17	ASTM D2216

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Sample 2 32.454310,-103.487591
7J16018-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00116	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B	
Toluene	ND	0.00233	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B	
C6-C12	ND	29.1	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005	
>C12-C28	ND	29.1	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005	
>C28-C35	ND	29.1	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005	
Surrogate: 1-Chlorooctane		111 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005	
Surrogate: o-Terphenyl		131 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005	S-GC
Total Hydrocarbon nC6-nC35	ND	29.1	mg/kg dry	1	[CALC]	10/17/17	10/17/17	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	155	1.16	mg/kg dry	1	P7J2012	10/20/17	10/23/17	EPA 300.0	
% Moisture	14.0	0.1	%	1	P7J1711	10/17/17	10/18/17	ASTM D2216	

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Sample 3 32.454253,-103.487603
7J16018-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00115	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Toluene	ND	0.00230	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Ethylbenzene	ND	0.00115	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Xylene (o)	ND	0.00115	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		103 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B
C6-C12	ND	28.7	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
>C12-C28	ND	28.7	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
>C28-C35	ND	28.7	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
<i>Surrogate: 1-Chlorooctane</i>		106 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005
<i>Surrogate: o-Terphenyl</i>		127 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005
Total Hydrocarbon nC6-nC35	ND	28.7	mg/kg dry	1	[CALC]	10/17/17	10/17/17	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	162	1.15	mg/kg dry	1	P7J2012	10/20/17	10/23/17	EPA 300.0
% Moisture	13.0	0.1	%	1	P7J1711	10/17/17	10/18/17	ASTM D2216

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Sample 4 32.454294,-103.487639
7J16018-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00119	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Toluene	ND	0.00238	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Ethylbenzene	ND	0.00119	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
Xylene (o)	ND	0.00119	mg/kg dry	1	P7J1708	10/17/17	10/17/17	EPA 8021B
<i>Surrogate: 1,4-Difluorobenzene</i>		99.9 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>		96.1 %	75-125		P7J1708	10/17/17	10/17/17	EPA 8021B
C6-C12	ND	29.8	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
>C12-C28	ND	29.8	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
>C28-C35	ND	29.8	mg/kg dry	1	P7J1709	10/17/17	10/17/17	TX 1005
<i>Surrogate: 1-Chlorooctane</i>		108 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005
<i>Surrogate: o-Terphenyl</i>		128 %	70-130		P7J1709	10/17/17	10/17/17	TX 1005
Total Hydrocarbon nC6-nC35	ND	29.8	mg/kg dry	1	[CALC]	10/17/17	10/17/17	[CALC]

General Chemistry Parameters by EPA / Standard Methods

Chloride	77.6	1.19	mg/kg dry	1	P7J2012	10/20/17	10/23/17	EPA 300.0
% Moisture	16.0	0.1	%	1	P7J1711	10/17/17	10/18/17	ASTM D2216

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P7J1708 - General Preparation (GC)

Blank (P7J1708-BLK1)

Prepared & Analyzed: 10/17/17

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0614		"	0.0600		102	75-125			
Surrogate: 1,4-Difluorobenzene	0.0628		"	0.0600		105	75-125			

LCS (P7J1708-BS1)

Prepared & Analyzed: 10/17/17

Benzene	0.114	0.00100	mg/kg wet	0.100		114	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130			
Xylene (p/m)	0.217	0.00200	"				70-130			
Xylene (o)	0.118	0.00100	"				70-130			
Surrogate: 4-Bromofluorobenzene	0.0640		"	0.0600		107	75-125			
Surrogate: 1,4-Difluorobenzene	0.0634		"	0.0600		106	75-125			

LCS Dup (P7J1708-BSD1)

Prepared & Analyzed: 10/17/17

Benzene	0.103	0.00100	mg/kg wet	0.100		103	70-130	10.3	20	
Toluene	0.0994	0.00200	"	0.100		99.4	70-130	9.45	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	70-130	3.16	20	
Xylene (p/m)	0.205	0.00200	"				70-130		20	
Xylene (o)	0.113	0.00100	"				70-130		20	
Surrogate: 1,4-Difluorobenzene	0.0622		"	0.0600		104	75-125			
Surrogate: 4-Bromofluorobenzene	0.0590		"	0.0600		98.3	75-125			

Calibration Check (P7J1708-CCV1)

Prepared & Analyzed: 10/17/17

Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.0934	0.00200	"	0.100		93.4	80-120			
Ethylbenzene	0.0999	0.00100	"	0.100		99.9	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.0529		"	0.0600		88.2	75-125			
Surrogate: 1,4-Difluorobenzene	0.0606		"	0.0600		101	75-125			

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P7J1708 - General Preparation (GC)

Calibration Check (P7J1708-CCV2)

Prepared & Analyzed: 10/17/17

Benzene	0.117	0.00100	mg/kg wet	0.100		117	80-120			
Toluene	0.116	0.00200	"	0.100		116	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.0690		"	0.0600		115	75-125			
Surrogate: 1,4-Difluorobenzene	0.0682		"	0.0600		114	75-125			

Batch P7J1709 - General Preparation (GC)

Blank (P7J1709-BLK1)

Prepared & Analyzed: 10/17/17

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	61.4		"	50.0		123	70-130			

LCS (P7J1709-BS1)

Prepared & Analyzed: 10/17/17

C6-C12	893	25.0	mg/kg wet	1000		89.3	75-125			
>C12-C28	900	25.0	"	1000		90.0	75-125			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	59.8		"	50.0		120	70-130			

LCS Dup (P7J1709-BSD1)

Prepared & Analyzed: 10/17/17

C6-C12	903	25.0	mg/kg wet	1000		90.3	75-125	1.19	20	
>C12-C28	922	25.0	"	1000		92.2	75-125	2.51	20	
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	61.8		"	50.0		124	70-130			

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P7J1709 - General Preparation (GC)

Calibration Check (P7J1709-CCV1)

Prepared & Analyzed: 10/17/17

C6-C12	521	25.0	mg/kg wet	500		104	85-115			
>C12-C28	506	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	60.1		"	50.0		120	70-130			

Calibration Check (P7J1709-CCV3)

Prepared: 10/17/17 Analyzed: 10/18/17

C6-C12	514	25.0	mg/kg wet	500		103	85-115			
>C12-C28	497	25.0	"	500		99.4	85-115			
Surrogate: 1-Chlorooctane	115		"	100		115	70-130			
Surrogate: o-Terphenyl	60.2		"	50.0		120	70-130			

Matrix Spike (P7J1709-MS1)

Source: 7J16017-01

Prepared & Analyzed: 10/17/17

C6-C12	992	27.2	mg/kg dry	1090	ND	91.3	75-125			
>C12-C28	991	27.2	"	1090	44.2	87.1	75-125			
Surrogate: 1-Chlorooctane	106		"	109		97.9	70-130			
Surrogate: o-Terphenyl	56.6		"	54.3		104	70-130			

Matrix Spike Dup (P7J1709-MSD1)

Source: 7J16017-01

Prepared & Analyzed: 10/17/17

C6-C12	978	27.2	mg/kg dry	1090	ND	90.0	75-125	1.37	20	
>C12-C28	1000	27.2	"	1090	44.2	88.3	75-125	1.36	20	
Surrogate: 1-Chlorooctane	129		"	109		119	70-130			
Surrogate: o-Terphenyl	56.4		"	54.3		104	70-130			

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P7J1711 - * DEFAULT PREP *****

Blank (P7J1711-BLK1)		Prepared: 10/17/17 Analyzed: 10/18/17								
% Moisture	ND	0.1	%							
Blank (P7J1711-BLK2)		Prepared: 10/17/17 Analyzed: 10/18/17								
% Moisture	ND	0.1	%							
Duplicate (P7J1711-DUP1)		Source: 7J12011-01		Prepared: 10/17/17 Analyzed: 10/18/17						
% Moisture	20.0	0.1	%		19.0			5.13	20	
Duplicate (P7J1711-DUP2)		Source: 7J13011-01		Prepared: 10/17/17 Analyzed: 10/18/17						
% Moisture	5.0	0.1	%		4.0			22.2	20	R2
Duplicate (P7J1711-DUP3)		Source: 7J16015-01		Prepared: 10/17/17 Analyzed: 10/18/17						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P7J1711-DUP4)		Source: 7J16017-04		Prepared: 10/17/17 Analyzed: 10/18/17						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P7J1711-DUP5)		Source: 7J17013-05		Prepared: 10/17/17 Analyzed: 10/18/17						
% Moisture	9.0	0.1	%		8.0			11.8	20	

Batch P7J2012 - * DEFAULT PREP *****

Blank (P7J2012-BLK1)		Prepared: 10/20/17 Analyzed: 10/23/17								
Chloride	ND	1.00	mg/kg wet							
LCS (P7J2012-BS1)		Prepared: 10/20/17 Analyzed: 10/23/17								
Chloride	419	1.00	mg/kg wet	400		105	80-120			

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P7J2012 - * DEFAULT PREP *****

LCS Dup (P7J2012-BSD1)

Prepared: 10/20/17 Analyzed: 10/23/17

Chloride	424	1.00	mg/kg wet	400	106	80-120	1.18	20	
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Duplicate (P7J2012-DUP1)

Source: 7J16016-01

Prepared: 10/20/17 Analyzed: 10/23/17

Chloride	8170	11.8	mg/kg dry	8260	1.06	20			
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Duplicate (P7J2012-DUP2)

Source: 7J16014-20

Prepared: 10/20/17 Analyzed: 10/23/17

Chloride	43.3	1.09	mg/kg dry	30.0	36.3	20			R2
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Matrix Spike (P7J2012-MS1)

Source: 7J16016-01

Prepared: 10/20/17 Analyzed: 10/23/17

Chloride	10300	11.8	mg/kg dry	1180	8260	170	80-120		QM-07
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Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

R2 The RPD exceeded the acceptance limit.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

10/24/2017

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Reflow Energy Solutions
2816 Rankin Hwy
Midland TX, 79706

Project: Vizalizer St. Lease Rd
Project Number: [none]
Project Manager: Ronny Crawford

Fax:

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 797061

Phone: 432-686-7235

Project Manager:

Randy Crawford

Project Name: Uralinger Still

Company Name

Reflex Energy Solutions

Project #:

Company Address:

950 Advance Ave

Project Loc: Van Housen

City/State/Zip:

Midland Texas

PO #:

Telephone No:

432 388-4101

Fax No:

Report Format:

☒ Standard ☐ TRRP ☐ NPDES

Sample Signature:

[Signature]

e-mail:

Randy@ReflexEnergy.com

(lab use only)

ORDER #:

1516018

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by TX 1005 8015B 8015M

Chlorides

BTEX by 8012B

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Special Instructions:

Relinquished by:

[Signature]

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered by Courier?

Temperature Upon Receipt

Adjusted: 5.0 °C

ACFI

UPS DHL FedEx Lone Star



INVOICE

Invoice To:

Ronny Crawford
REFCOW Energy Solutions, LLC
P.O. Box 156
Midland, TEXAS 79705

Invoice Number

7100175-REFCOW

Remit To:

Accounts Receivable
Permian Basin Environmental Lab, L.P.
1400 Rankin Hwy
Midland, TX 79701

PO Number**Received**

10/16/17

Project

Vizalizer St. Lease Rd

Customer

Ronny Crawford
Reflow Energy Solutions

Terms

NET 30

Project Number

[none]

Project Manager

Brent Barron

Work Order(s)

7J16018

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Permian Basin Environmental Lab, L.P.				
4	TPH1005 Total Calc [5 day]	Soil	\$45.00	\$180.00
4	Solids, Dry Weight [5 day]	Soil	\$5.00	\$20.00
4	Chloride-300.0 [5 day]	Soil	\$20.00	\$80.00
4	8021B BTEX [5 day]	Soil	\$40.00	\$160.00

Invoice Total: \$440.00

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 797061

Phone: 432-686-7235

Project Manager:

Randy Crawford

Project Name: Uralinger Still

Company Name

Reflex Energy Solutions

Project #:

Company Address:

950 Advance Ave

Project Loc: Van Housen

City/State/Zip:

Midland Texas

PO #:

Telephone No:

432 388-4101

Fax No:

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Adjusted: 5.0 °C

Factor: ACFI

UPS DHL FedEx Lone Star

Rainwater Dump Area

Legend

- Rainwater dump area
- Sample

