





July 24, 2015

FOLSOM

SUNDOWN ENERGY

P. O. BOX 277

WICKETT, TX 79788

RE: LEA 403 ST.

Enclosed are the results of analyses for samples received by the laboratory on 07/17/15 15:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #1 4' (H501858-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2015	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	196	98.2	200	3.55	

Surrogate: 1-Chlorooctane 81.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 69.6 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #1 6' (H501858-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	204	102	200	1.79	
DRO >C10-C28	10.8	10.0	07/22/2015	ND	196	98.2	200	3.55	

Surrogate: 1-Chlorooctane 82.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 91.6 % 52.1-176

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 Fax To: NOT GIVEN

 Received: 07/17/2015
 Reported: 07/24/2015
 Project Name: LEA 403 ST.
 Project Number: API #30-025-03127
 Project Location: TANK BATTERY SITE

 Sampling Date: 07/17/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SAMPLE #1 7' (H501858-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	204	102	200	1.79	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	196	98.2	200	3.55	

Surrogate: 1-Chlorooctane 81.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 73.3 % 52.1-176

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Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #2 4' (H501858-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	204	102	200	1.79	
DRO >C10-C28	1480	10.0	07/22/2015	ND	196	98.2	200	3.55	

Surrogate: 1-Chlorooctane 89.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #2 6' (H501858-05)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10.6	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	3390	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 146 % 52.1-176

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WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #2 7' (H501858-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	157	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 87.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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SUNDOWN ENERGY
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P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #3 4' (H501858-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 84.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.7 % 52.1-176

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WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #3 6' (H501858-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 80.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.8 % 52.1-176

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Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #3 7' (H501858-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 77.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.8 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #4 4' (H501858-10)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/24/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 87.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.5 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #4 6' (H501858-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/24/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 81.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #4 7' (H501858-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2015	ND	1.91	95.3	2.00	2.65		
Toluene*	<0.050	0.050	07/22/2015	ND	1.90	95.2	2.00	2.53		
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.08	104	2.00	3.10		
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.38	89.7	6.00	2.66		
Total BTEx	<0.300	0.300	07/22/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 95.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #5 4' (H501858-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2015	ND	1.91	95.3	2.00	2.65		
Toluene*	<0.050	0.050	07/22/2015	ND	1.90	95.2	2.00	2.53		
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.08	104	2.00	3.10		
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.38	89.7	6.00	2.66		
Total BTEx	<0.300	0.300	07/22/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 91.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.5 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #5 6' (H501858-14)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	<0.050	0.050	07/21/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<0.050	0.050	07/21/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/21/2015	ND	5.54	92.3	6.00	0.795	
Total BTX	<0.300	0.300	07/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 86.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 93.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #5 7' (H501858-15)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	<0.050	0.050	07/21/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<0.050	0.050	07/21/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/21/2015	ND	5.54	92.3	6.00	0.795	
Total BTX	<0.300	0.300	07/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 84.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #6 4' (H501858-16)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/21/2015	ND	1.95	97.3	2.00	0.911		
Toluene*	<0.050	0.050	07/21/2015	ND	1.92	96.2	2.00	1.85		
Ethylbenzene*	<0.050	0.050	07/21/2015	ND	2.13	107	2.00	0.884		
Total Xylenes*	<0.150	0.150	07/21/2015	ND	5.54	92.3	6.00	0.795		
Total BTX	<0.300	0.300	07/21/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 91.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.1 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #6 6' (H501858-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	<0.050	0.050	07/21/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<0.050	0.050	07/21/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/21/2015	ND	5.54	92.3	6.00	0.795	
Total BTX	<0.300	0.300	07/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 90.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.0 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 SUNDOWN ENERGY
 FOLSOM
 P. O. BOX 277
 WICKETT TX, 79788
 Fax To: NOT GIVEN

 Received: 07/17/2015
 Reported: 07/24/2015
 Project Name: LEA 403 ST.
 Project Number: API #30-025-03127
 Project Location: TANK BATTERY SITE

 Sampling Date: 07/17/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SAMPLE #6 7' (H501858-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/21/2015	ND	1.95	97.3	2.00	0.911		
Toluene*	<0.050	0.050	07/21/2015	ND	1.92	96.2	2.00	1.85		
Ethylbenzene*	<0.050	0.050	07/21/2015	ND	2.13	107	2.00	0.884		
Total Xylenes*	<0.150	0.150	07/21/2015	ND	5.54	92.3	6.00	0.795		
Total BTX	<0.300	0.300	07/21/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #7 4' (H501858-19)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2015	ND	1.91	95.3	2.00	2.65		
Toluene*	<0.050	0.050	07/22/2015	ND	1.90	95.2	2.00	2.53		
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.08	104	2.00	3.10		
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.38	89.7	6.00	2.66		
Total BTEx	<0.300	0.300	07/22/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 95.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #7 6' (H501858-20)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2015	ND	1.91	95.3	2.00	2.65		
Toluene*	<0.050	0.050	07/22/2015	ND	1.90	95.2	2.00	2.53		
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.08	104	2.00	3.10		
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.38	89.7	6.00	2.66		
Total BTEx	<0.300	0.300	07/22/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	185	92.3	200	3.42	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	176	87.9	200	6.08	

Surrogate: 1-Chlorooctane 96.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #7 7' (H501858-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2015	ND	1.91	95.3	2.00	2.65		
Toluene*	<0.050	0.050	07/22/2015	ND	1.90	95.2	2.00	2.53		
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.08	104	2.00	3.10		
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.38	89.7	6.00	2.66		
Total BTEx	<0.300	0.300	07/22/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 96.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #8 4' (H501858-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2015	ND	1.91	95.3	2.00	2.65		
Toluene*	<0.050	0.050	07/22/2015	ND	1.90	95.2	2.00	2.53		
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.08	104	2.00	3.10		
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.38	89.7	6.00	2.66		
Total BTEx	<0.300	0.300	07/22/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 82.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 88.5 % 52.1-176

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Analytical Results For:

 SUNDOWN ENERGY
 FOLSOM
 P. O. BOX 277
 WICKETT TX, 79788
 Fax To: NOT GIVEN

 Received: 07/17/2015
 Reported: 07/24/2015
 Project Name: LEA 403 ST.
 Project Number: API #30-025-03127
 Project Location: TANK BATTERY SITE

 Sampling Date: 07/17/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SAMPLE #8 6' (H501858-23)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2015	ND	1.91	95.3	2.00	2.65	
Toluene*	<0.050	0.050	07/23/2015	ND	1.90	95.2	2.00	2.53	
Ethylbenzene*	<0.050	0.050	07/23/2015	ND	2.08	104	2.00	3.10	
Total Xylenes*	<0.150	0.150	07/23/2015	ND	5.38	89.7	6.00	2.66	
Total BTX	<0.300	0.300	07/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/24/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 93.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #8 7' (H501858-24)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2015	ND	1.91	95.3	2.00	2.65	
Toluene*	<0.050	0.050	07/23/2015	ND	1.90	95.2	2.00	2.53	
Ethylbenzene*	<0.050	0.050	07/23/2015	ND	2.08	104	2.00	3.10	
Total Xylenes*	<0.150	0.150	07/23/2015	ND	5.38	89.7	6.00	2.66	
Total BTX	<0.300	0.300	07/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/24/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 96.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #9 4' (H501858-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2015	ND	1.91	95.3	2.00	2.65	
Toluene*	<0.050	0.050	07/23/2015	ND	1.90	95.2	2.00	2.53	
Ethylbenzene*	<0.050	0.050	07/23/2015	ND	2.08	104	2.00	3.10	
Total Xylenes*	<0.150	0.150	07/23/2015	ND	5.38	89.7	6.00	2.66	
Total BTEx	<0.300	0.300	07/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	49.5	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 85.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.8 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #9 6' (H501858-26)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2015	ND	1.91	95.3	2.00	2.65	
Toluene*	<0.050	0.050	07/23/2015	ND	1.90	95.2	2.00	2.53	
Ethylbenzene*	<0.050	0.050	07/23/2015	ND	2.08	104	2.00	3.10	
Total Xylenes*	<0.150	0.150	07/23/2015	ND	5.38	89.7	6.00	2.66	
Total BTX	<0.300	0.300	07/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 95.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SUNDOWN ENERGY
FOLSOM
P. O. BOX 277
WICKETT TX, 79788
Fax To: NOT GIVEN

Received: 07/17/2015
Reported: 07/24/2015
Project Name: LEA 403 ST.
Project Number: API #30-025-03127
Project Location: TANK BATTERY SITE

Sampling Date: 07/17/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SAMPLE #9 7' (H501858-27)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2015	ND	1.91	95.3	2.00	2.65	
Toluene*	<0.050	0.050	07/23/2015	ND	1.90	95.2	2.00	2.53	
Ethylbenzene*	<0.050	0.050	07/23/2015	ND	2.08	104	2.00	3.10	
Total Xylenes*	<0.150	0.150	07/23/2015	ND	5.38	89.7	6.00	2.66	
Total BTX	<0.300	0.300	07/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/24/2015	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 90.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.7 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Sundown Energy</u>		P.O. #:		BILL TO												ANALYSIS REQUEST																									
Project Manager: <u>Folsom</u>		Company:																																							
Address:		Attn:																																							
City:		Address:																																							
Phone #:		City:																																							
Fax #:		State:																																							
Project #:		Project Owner:																																							
Project Name: <u>LEA 403 ST.</u>		State:																																							
Project Location: <u>Tank Battery Site</u>		Phone #:																																							
Sample Name: <u>Folsom</u>		Fax #:																																							
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
H50/858		Sample # 4		4'		/		/		/		/		/		/		/		/		/		/		7-17-15		1:30		BTEX											
11		" "		4		/		/		/		/		/		/		/		/		/		/		12:45		TPH													
12		" "		4		/		/		/		/		/		/		/		/		/		/		12:00		CL													
13		Sample # 5		4'		/		/		/		/		/		/		/		/		/		/																	
14		" "		5		/		/		/		/		/		/		/		/		/		/																	
15		" "		5		/		/		/		/		/		/		/		/		/		/																	
16		Sample # 4		4'		/		/		/		/		/		/		/		/		/		/																	
17		" "		4		/		/		/		/		/		/		/		/		/		/																	
18		" "		4		/		/		/		/		/		/		/		/		/		/																	
Relinquished By: <u>M. J. J. J.</u>		Date: <u>11/17/15</u>		Time: <u>3:08</u>		Received By: <u>Andy Murcia</u>		Date: <u>11/17/15</u>		Time: <u>3:08</u>		Sample Condition: <u>Intact</u>		Cool: <u>Yes</u>		Checked By: <u>Q. J.</u>		REMARKS: <u>Folsom@ymail.com</u> <u>wesab@yaho.com</u>																							
Delivered By: (Circle One)		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																																					
Sampler - UPS - Bus - Other:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																																					

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