





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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	% 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	69.6 9	% 52.1-17	<i>.</i>						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	116 9	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	91.6	52.1-17	6						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	73.3	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	118 9	% 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	108 9	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	118 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	146 %	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	116 %	% 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	100 9	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	116 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.7	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	82.8	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	114 %	% 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	80.8	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	116 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.5	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	119 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	85.3	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	47.2-15	7						
Surrogate: 1-Chlorooctadecane	101 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	96.5	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	<0.300	0.300	07/21/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.9	52.1-17	6						

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Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	<0.300	0.300	07/21/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	% 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.3	52.1-17	6						

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Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	<0.300	0.300	07/21/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	94.1 9	52.1-17	6						

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Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	<0.300	0.300	07/21/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	85.6-13	7						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	94.0	% 52.1-17	6						

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Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	<0.300	0.300	07/21/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	105 9	6 52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	103 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	47.2-15	7						
Surrogate: 1-Chlorooctadecane	100 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	% 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	88.5	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	100 9	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	116 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	47.2-15	7						
Surrogate: 1-Chlorooctadecane	103 9	6 52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	% 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	98.8	% 52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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	116 %	85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	102 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/17/2015	Sampling Date:	07/17/2015
Reported:	07/24/2015	Sampling Type:	Soil
Project Name:	LEA 403 ST.	Sampling Condition:	Cool & Intact
Project Number:	API #30-025-03127	Sample Received By:	Judy Garcia
Project Location:	TANK BATTERY SITE		

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 85.6-13	7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	96.7 9	52.1-17	6						

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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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

			ANALYSIS RECHEST
2	Energy	BILL TO	
Project Manager: Rolson	P.O. #:		
Address:	Company:	any:	
City: State:	Zip: Attn:		
Phone #: Fax #:	Address:	SS:	
Project #: Project Owner:	Owner: · City:		
Project Name: LEA 403 ST.	State:	Zip:	
Project Location: Tank Battery	Site Phone #:	#:	
Sampler Name: 50/50m	Fay	٦.	•
FOR LAB USE ONLY	• MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	AB OR (C)OM INTAINERS DUNDWATER STEWATER 	COOL HER :	TPH CL
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Sample # 1			
4 7	 -		
6. sample # 7 7'			
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PLEASE NOTE: Liability and Damages. Cantinatis tanuity and creative excusives retrieved by cardinal within 30 days after completion of the applicable analyses. All claims including these for negletiones and any other cuase whatever shall be deemed whived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, full-damines interruptions, loss of use, or loss of profils incurred by Cardinal websites. Service. In no event shall Cardinal be liable for incidental or consequential damages, how one works with whether study dupin any other betwee stated reasons or otherwise.	usine y or any count many a material based in writing and received i yeer shall be deemed varied unless made in writing and received i ges, including without limitation, business interruptions, loss of use the count of the standard second secon	by Cardinal within 30 days after completion of the applica e, or loss of profits incurred by client, its subsidiaries, pon any of the above stated reasons or otherwise.	
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Sampler - UPS - Bus - Other:	C Yes Yes	Mp1.	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(5	(575) 393-2326 FAX (575) 393-2476			
Company Name:	Sundown Energy		BILL TO	ANALTSIS REQUEST
Project Manager:			P.O. #:	
Address:			Company:	
Gity:	State:	Zip:	Attn:	
Phone #:	Fax #:		Address:	
Project #:	Project Owner:		City:	
Project Name:	LEA 403 ST.		State: Zip:	
Project Location:	Tank Battery Site		Phone #:	
Sampler Name:	Folson		٦.	
FOR LAB USE ONLY		MP. MATRIX	PRESERV, SAMPLING	
Lab I.D. 1456/ 858	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE		TIME BTEX
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1	" # 4 6'	~		
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12	nplc # 5			
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16	Sample # 4 4'	~		60: 5/1
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PLEASE NOTE: Liability an analyses. All claims includi	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable analyses. All claims including to be for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including to be for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including to be for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including the claim to contract the contract to be for incidental to contract to the applicable analyses. All claims including the claim to contract to contract to be for incidental to contract	any claim arising whether based in contrac deemed waived unless made in writing an g without limitation, business interruptions.	t or tort, shall be limited to the amount paid b id received by Cardinal within 30 days after o loss of use, or loss of profits incurred by clie	y the client for the applicable ompletion of the applicable of the subscription of the applicable of the subscription of the s
affilates or successors arising Relinquished By:	Index or successors arising out of or related to the performance of services neurourn or elinquished By: Date: TMUTFunction Time:	Received By:	Time: Received By: Fax Result Received By: Fax Result REMARKS	Phone Result: 9 Yes 0 No Add'i Phone #: Fax Result: 9 Yes 0 No Add'i Fax #: REMARKS:
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	3-2476		ANALYSIS REOLIEST
Company Name: Sundown En		BILL TO	
Folsom	P.O. #:		
	Company:	bany:	
City: State:	Zip: Attn:		
Phone #: Fax #:	Address:	ess:	
Project #: Project Owner:	Owner: . City:		
Project Name: LEA 403 ST.	State:	: Zip:	
on: Ta	Site Phone #:	le #:	
	Fax #:		
Sampler Name:	I MATRIX PP	PRESERV SAMPLING	
FOR LAB USE ONLY	R		
Lab I.D. Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATEF WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:	ICE / COOL OTHER : DATE	BTE TPH CL
5		7-17-15 12:30	
20 11 47 6			
C # 12 12		21:12	
Sample # 8			
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Sample 47			
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PLEASE NOTE: Liability and Damages. Cardinal's liability and dient's exclusive remedy for any claim arising whether based in contract or tork shall be limited to the amount paid by the client for the applicable analyses. All claims including those for the negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for the negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for the negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for the negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for the negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for the negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses.	remedy for any claim arising whether based in contract or fort, ever shall be deemed waived unless made in writing and receive ones, including without limitation, businees interruptions, loss of t	shall be limited to the amount paid by the client for t ed by Cardinal within 30 days after completion of the use, or loss of profits incurred by client, its subsidiari	the e applicable les,
service. In the event while Constant of the performance of services the affinities or successors arising out of or related to the performance of services the affinities or successors arises of the event of the eve	ariang out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the autore surger values or one services hereunder by Cardinal regardless of whether such claim is based upon any of the autore surger values or one services hereunder by Cardinal regardless of whether such claim is based upon any of the autore surger values or one services hereunder by Cardinal regardless of whether such claim is based upon any of the autore surger values or one services hereunder by Cardinal regardless of whether such claim is based upon any of the autore surger values of the autore surger	Phone Result:	ult: □ Yes □ No Add'I Phone #: t: □ Yes □ No Add'I Fax #:
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Delivered By: (Circle One)		(Initials)	
Sampler - UPS - Bus - Other:	1 C No No No	10/07	

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