



December 15, 2015

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: COTTON DRAW #135

Enclosed are the results of analyses for samples received by the laboratory on 12/09/15 12:35.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-1 0' (H503207-01)

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	12/12/2015	ND	1.75	87.7	2.00	2.38	
Toluene*	0.054	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03	
Ethylbenzene*	0.170	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56	
Total Xylenes*	1.09	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04	
Total BTEX	1.31	0.300	12/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

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	12/11/2015	ND	400	100	400	3.92	

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	12/10/2015	ND	203	101	200	0.611	
DRO >C10-C28	304	10.0	12/10/2015	ND	195	97.4	200	1.22	

Surrogate: 1-Chlorooctane 84.7 % 35-147
Surrogate: 1-Chlorooctadecane 84.0 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-1 1' (H503207-02)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	<0.050	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	<0.150	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

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	12/11/2015	ND	400	100	400	3.92		

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	12/10/2015	ND	203	101	200	0.611		
DRO >C10-C28	<10.0	10.0	12/10/2015	ND	195	97.4	200	1.22		

Surrogate: 1-Chlorooctane 90.2 % 35-147

Surrogate: 1-Chlorooctadecane 93.5 % 28-171

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* = Accredited Analyte

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Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-1 2' (H503207-03)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	<0.050	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	<0.150	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500Cl-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	12/11/2015	ND	400	100	400	3.92		

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	12/10/2015	ND	203	101	200	0.611		
DRO >C10-C28	<10.0	10.0	12/10/2015	ND	195	97.4	200	1.22		

Surrogate: 1-Chlorooctane 96.2 % 35-147

Surrogate: 1-Chlorooctadecane 96.8 % 28-171

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Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-2 0' (H503207-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	12/12/2015	ND	1.75	87.7	2.00	2.38	
Toluene*	2.08	1.00	12/12/2015	ND	1.75	87.5	2.00	2.03	
Ethylbenzene*	4.89	1.00	12/12/2015	ND	1.82	91.1	2.00	2.56	
Total Xylenes*	25.9	3.00	12/12/2015	ND	5.38	89.7	6.00	2.04	
Total BTEX	32.8	6.00	12/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

Chloride, SM4500Cl-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	12/11/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1540	10.0	12/10/2015	ND	203	101	200	0.611		
DRO >C10-C28	6700	10.0	12/10/2015	ND	195	97.4	200	1.22		

Surrogate: 1-Chlorooctane 155 % 35-147

Surrogate: 1-Chlorooctadecane 155 % 28-171

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Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-2 1' (H503207-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	12/12/2015	ND	1.75	87.7	2.00	2.38	
Toluene*	0.114	0.100	12/12/2015	ND	1.75	87.5	2.00	2.03	
Ethylbenzene*	0.557	0.100	12/12/2015	ND	1.82	91.1	2.00	2.56	
Total Xylenes*	2.63	0.300	12/12/2015	ND	5.38	89.7	6.00	2.04	
Total BTEX	3.30	0.600	12/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 73.6-140

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	12/11/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	224	10.0	12/10/2015	ND	203	101	200	0.611	
DRO >C10-C28	1930	10.0	12/10/2015	ND	195	97.4	200	1.22	

Surrogate: 1-Chlorooctane 125 % 35-147

Surrogate: 1-Chlorooctadecane 110 % 28-171

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 KIMBERLY WILSON
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Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-2 2' (H503207-06)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	0.057	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	0.153	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

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	12/11/2015	ND	400	100	400	3.92		

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	12/10/2015	ND	203	101	200	0.611		
DRO >C10-C28	207	10.0	12/10/2015	ND	195	97.4	200	1.22		

Surrogate: 1-Chlorooctane 98.2 % 35-147

Surrogate: 1-Chlorooctadecane 94.2 % 28-171

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 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-2 3' (H503207-07)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	<0.050	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	<0.150	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/11/2015	ND	400	100	400	3.92		

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	12/10/2015	ND	203	101	200	0.611		
DRO >C10-C28	200	10.0	12/10/2015	ND	195	97.4	200	1.22		

Surrogate: 1-Chlorooctane 97.9 % 35-147

Surrogate: 1-Chlorooctadecane 96.4 % 28-171

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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-2 4' (H503207-08)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	<0.050	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	<0.150	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/11/2015	ND	400	100	400	3.92		

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	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	120	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 92.6 % 35-147

Surrogate: 1-Chlorooctadecane 93.4 % 28-171

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Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-3 0' (H503207-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/12/2015	ND	1.75	87.7	2.00	2.38	
Toluene*	0.799	0.200	12/12/2015	ND	1.75	87.5	2.00	2.03	
Ethylbenzene*	2.22	0.200	12/12/2015	ND	1.82	91.1	2.00	2.56	
Total Xylenes*	11.6	0.600	12/12/2015	ND	5.38	89.7	6.00	2.04	
Total BTEX	14.6	1.20	12/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 73.6-140

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	12/11/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	323	10.0	12/11/2015	ND	203	101	200	2.67	
DRO >C10-C28	2280	10.0	12/11/2015	ND	195	97.6	200	0.747	

Surrogate: 1-Chlorooctane 110 % 35-147

Surrogate: 1-Chlorooctadecane 99.2 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-3 1' (H503207-10)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	<0.050	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	<0.150	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500Cl-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	12/11/2015	ND	400	100	400	3.92		

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	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	41.4	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 89.1 % 35-147

Surrogate: 1-Chlorooctadecane 93.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-3 2' (H503207-11)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	<0.050	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	<0.150	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-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	12/11/2015	ND	400	100	400	3.92		

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	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	<10.0	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 96.3 % 35-147

Surrogate: 1-Chlorooctadecane 89.6 % 28-171

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Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-3 3' (H503207-12)

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	12/12/2015	ND	1.75	87.7	2.00	2.38		
Toluene*	<0.050	0.050	12/12/2015	ND	1.75	87.5	2.00	2.03		
Ethylbenzene*	<0.050	0.050	12/12/2015	ND	1.82	91.1	2.00	2.56		
Total Xylenes*	<0.150	0.150	12/12/2015	ND	5.38	89.7	6.00	2.04		
Total BTEX	<0.300	0.300	12/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

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	12/11/2015	ND	400	100	400	3.92		

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	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	<10.0	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 93.0 % 35-147

Surrogate: 1-Chlorooctadecane 86.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-3 4'R (H503207-13)

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	12/14/2015	ND	1.72	86.0	2.00	4.13		
Toluene*	<0.050	0.050	12/14/2015	ND	1.73	86.4	2.00	3.57		
Ethylbenzene*	<0.050	0.050	12/14/2015	ND	1.75	87.6	2.00	3.41		
Total Xylenes*	<0.150	0.150	12/14/2015	ND	5.35	89.2	6.00	2.82		
Total BTEX	<0.300	0.300	12/14/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/11/2015	ND	400	100	400	3.92		

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	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	<10.0	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 99.8 % 35-147
Surrogate: 1-Chlorooctadecane 97.7 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-4 0' (H503207-14)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	12/14/2015	ND	1.72	86.0	2.00	4.13	
Toluene*	2.45	1.00	12/14/2015	ND	1.73	86.4	2.00	3.57	
Ethylbenzene*	5.24	1.00	12/14/2015	ND	1.75	87.6	2.00	3.41	
Total Xylenes*	29.8	3.00	12/14/2015	ND	5.35	89.2	6.00	2.82	
Total BTEX	37.5	6.00	12/14/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

Chloride, SM4500Cl-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	12/11/2015	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1590	10.0	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	6180	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 199 % 35-147

Surrogate: 1-Chlorooctadecane 146 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-4 1' (H503207-15)

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	12/14/2015	ND	1.72	86.0	2.00	4.13		
Toluene*	<0.050	0.050	12/14/2015	ND	1.73	86.4	2.00	3.57		
Ethylbenzene*	0.066	0.050	12/14/2015	ND	1.75	87.6	2.00	3.41		
Total Xylenes*	0.288	0.150	12/14/2015	ND	5.35	89.2	6.00	2.82		
Total BTEX	0.354	0.300	12/14/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

Chloride, SM4500Cl-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	12/11/2015	ND	448	112	400	3.64		

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	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	215	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 94.7 % 35-147

Surrogate: 1-Chlorooctadecane 87.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 12/09/2015
 Reported: 12/15/2015
 Project Name: COTTON DRAW #135
 Project Number: 700794.177.01
 Project Location: EDDY CTY

 Sampling Date: 12/03/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S-4 2' (H503207-16)

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	12/14/2015	ND	1.72	86.0	2.00	4.13		
Toluene*	<0.050	0.050	12/14/2015	ND	1.73	86.4	2.00	3.57		
Ethylbenzene*	<0.050	0.050	12/14/2015	ND	1.75	87.6	2.00	3.41		
Total Xylenes*	<0.150	0.150	12/14/2015	ND	5.35	89.2	6.00	2.82		
Total BTEX	<0.300	0.300	12/14/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500Cl-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	12/11/2015	ND	448	112	400	3.64		

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	12/11/2015	ND	203	101	200	2.67		
DRO >C10-C28	<10.0	10.0	12/11/2015	ND	195	97.6	200	0.747		

Surrogate: 1-Chlorooctane 95.0 % 35-147

Surrogate: 1-Chlorooctadecane 95.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	12/09/2015	Sampling Date:	12/03/2015
Reported:	12/15/2015	Sampling Type:	Soil
Project Name:	COTTON DRAW #135	Sampling Condition:	Cool & Intact
Project Number:	700794.177.01	Sample Received By:	Judy Garcia
Project Location:	EDDY CTY		

Sample ID: S-4 3'R (H503207-17)

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	12/14/2015	ND	1.72	86.0	2.00	4.13	
Toluene*	<0.050	0.050	12/14/2015	ND	1.73	86.4	2.00	3.57	
Ethylbenzene*	<0.050	0.050	12/14/2015	ND	1.75	87.6	2.00	3.41	
Total Xylenes*	<0.150	0.150	12/14/2015	ND	5.35	89.2	6.00	2.82	
Total BTEX	<0.300	0.300	12/14/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-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	12/11/2015	ND	448	112	400	3.64	

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	12/11/2015	ND	203	101	200	2.67	
DRO >C10-C28	25.1	10.0	12/11/2015	ND	195	97.6	200	0.747	

Surrogate: 1-Chlorooctane 95.2 % 35-147

Surrogate: 1-Chlorooctadecane 94.4 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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 SM450Cl-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

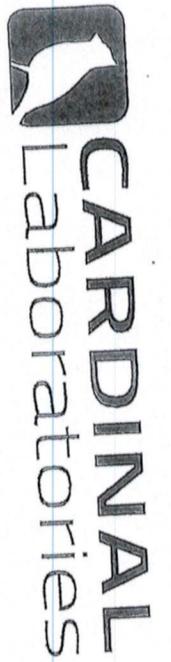
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Page 1 of 2

Company Name: Talon/LE
 Project Manager: Kimberly M. Wilson
 Address: 408 W. Texas Ave. State: NM zip: 88210
 City: Artesia
 Phone #: 575-746-8768 Fax #: 575-746-8905
 Project #: 700994, 19901 Project Owner: Talon
 Project Name: Patton Drive #135
 Project Location: Eddy City
 Sampler Name: Knechtelison
 FOR LAB USE ONLY

P.O. #: _____ Company: Talon/LE
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Delivered By: (Circle One) UPS - Bus - Other: 3.80
 Sample Condition: Cool Impact Yes No No

RECEIVED BY: _____
 DATE: _____ TIME: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H503201	S-1 0'	G	6	/	/	/	/	/	/	/	12/9/15	9:02	Chlorides
	S-1 1'	G	6	/	/	/	/	/	/	/		9:04	TPH
	S-1 2'	G	6	/	/	/	/	/	/	/		9:08	BTEX
	S-2 0'	G	6	/	/	/	/	/	/	/		9:10	
	S-2 1'	G	6	/	/	/	/	/	/	/		9:12	
	S-2 2'	G	6	/	/	/	/	/	/	/		9:14	
	S-2 3'	G	6	/	/	/	/	/	/	/		9:16	
	S-2 4'	G	6	/	/	/	/	/	/	/		9:20	
	S-3 0'	G	6	/	/	/	/	/	/	/		9:22	
	S-3 1'	G	6	/	/	/	/	/	/	/			

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising whether issued in contract or tort, shall be limited to the amount paid by the client for the 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 90 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, or otherwise, arising or success arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.

Relinquished By: _____
 Date: 12/9/15
 Time: 12:135
 Received By: _____
 Date: _____
 Time: _____

REMARKS: _____

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

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

BILL TO

ANALYSIS REQUEST

Page 2 of 2

Company Name: Talon/LPE
 Project Manager: Kimberly M. Wilson

Address: 408 W. Texas Ave.
 City: Artesia

Phone #: 575-746-8768
 Project #: 700794, 19901

State: NM zip: 88210
 Project Owner: Nelson

Fax #: 575-746-8905
 Project Location: Eddy City

Sampler Name: Kim Wilson

FOR LAB USE ONLY

Lab I.D. Sample I.D.

11: 15032A01

S-3 2' 9
 S-3 3' 9
 S-3 4' R 9
 S-4 0' 9
 S-4 1' 9
 S-4 2' 9
 S-4 3' R 9

(G)RAB OR (C)OMP.
 # CONTAINERS
 GROUNDWATER
 WASTEWATER
 SOIL
 OIL
 SLUDGE
 OTHER:

MATRIX
 ACID/BASE:
 ICE / COOL
 OTHER:

DATE
 TIME

12/9/15
 9:24
 9:26
 9:28
 9:34
 9:38
 9:40

Chlorides
 TPH
 BTEX

REMARKS:

Relinquished By: Kim Wilson
 Date: 12/15/15
 Time: 11:15

Received By: Judy Garza
 Date: 12/15/15
 Time: 3:15

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: 3.80

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