

Analytical Report

Report Summary

Client: Chevron

Chain Of Custody Number:

Samples Received: 5/7/2015 1:12:00PM

Job Number: 92270-0596

Work Order: P505017

Project Name/Location: Crader Pipeline Leak

Entire Report Reviewed By:



Tim Cain, Laboratory Manager

Date: 5/13/15

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

Chevron
 322 Road 3100
 Aztec NM, 87410

Project Name: Crader Pipeline Leak
 Project Number: 92270-0596
 Project Manager: Don Lindsey

Reported:
 13-May-15 09:21

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Soil Sample 300' from Source	P505017-01A	Soil	05/07/15	05/07/15	Glass Jar, 4 oz.
	P505017-01B	Soil	05/07/15	05/07/15	Glass Jar, 4 oz.
Soil Sample 600' from Source	P505017-02A	Soil	05/07/15	05/07/15	Glass Jar, 4 oz.
	P505017-02B	Soil	05/07/15	05/07/15	Glass Jar, 4 oz.
Soil Sample 900' from Source	P505017-03A	Soil	05/07/15	05/07/15	Glass Jar, 4 oz.
	P505017-03B	Soil	05/07/15	05/07/15	Glass Jar, 4 oz.

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Chevron
 322 Road 3100
 Aztec NM, 87410

 Project Name: Crader Pipeline Leak
 Project Number: 92270-0596
 Project Manager: Don Lindsey

Reported:
 13-May-15 09:21

Soil Sample 300' from Source
P505017-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Toluene	0.16	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Ethylbenzene	0.38	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
p,m-Xylene	2.45	0.19	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
o-Xylene	0.20	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Total Xylenes	2.65	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Total BTEX	3.20	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>119 %</i>		<i>50-150</i>	<i>1519030</i>	<i>05/07/15</i>	<i>05/12/15</i>	<i>EPA 8021B</i>	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	44.3	9.70	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	24.2	mg/kg	1	1519029	05/07/15	05/12/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		<i>91.3 %</i>		<i>50-200</i>	<i>1519029</i>	<i>05/07/15</i>	<i>05/12/15</i>	<i>EPA 8015D</i>	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		<i>109 %</i>		<i>50-150</i>	<i>1519030</i>	<i>05/07/15</i>	<i>05/12/15</i>	<i>EPA 8015D</i>	
Total Metals by 6010									
Arsenic	2.19	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Barium	477	4.59	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Cadmium	ND	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Chromium	16.6	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Copper	ND	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Lead	2.73	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Mercury	ND	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Nickel	4.40	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Selenium	1.26	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Silver	ND	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Zinc	72.1	0.92	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	

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 Project Number: 92270-0596
 Project Manager: Don Lindsey

Reported:
 13-May-15 09:21

Soil Sample 300' from Source
P505017-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Cation/Anion Analysis										
pH @25°C	8.99		pH Units	1		1520009	05/12/15	05/12/15	EPA 9045D	
Electrical Conductivity	328		umhos/cm	1		1520009	05/12/15	05/12/15	EPA 120.1	
Sodium Absorption Ratio	1.18		N/A	1		1520008	05/11/15	05/11/15	[CALC]	
Calcium	24.8	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Magnesium	18.6	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Sodium	32.0	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Boron-Hot Water Soluble by EPA 6010										
Boron	ND	0.50	mg/L	1		1519033	05/08/15	05/09/15	EPA 6010C	

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 Project Name: Crader Pipeline Leak
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 Project Manager: Don Lindsey

Reported:
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Soil Sample 600' from Source
P505017-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.09	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8021B	
Toluene	ND	0.09	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8021B	
Ethylbenzene	ND	0.09	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8021B	
p,m-Xylene	ND	0.19	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8021B	
o-Xylene	ND	0.09	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8021B	
Total Xylenes	ND	0.09	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8021B	
Total BTEX	ND	0.09	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.2 %		50-150	1519030	05/07/15	05/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.38	mg/kg	0.9	1519030	05/07/15	05/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	23.4	mg/kg	0.9	1519029	05/07/15	05/12/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		97.7 %		50-200	1519029	05/07/15	05/12/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		84.5 %		50-150	1519030	05/07/15	05/12/15	EPA 8015D	
Total Metals by 6010									
Arsenic	1.81	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Barium	419	4.66	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Cadmium	ND	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Chromium	9.61	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Copper	ND	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Lead	2.61	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Mercury	ND	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Nickel	3.65	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Selenium	ND	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Silver	ND	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Zinc	66.9	0.93	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	

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Soil Sample 600' from Source
P505017-02 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Cation/Anion Analysis										
pH @25°C	9.41		pH Units	1		1520009	05/12/15	05/12/15	EPA 9045D	
Electrical Conductivity	319		umhos/cm	1		1520009	05/12/15	05/12/15	EPA 120.1	
Sodium Absorption Ratio	1.67		N/A	1		1520008	05/11/15	05/11/15	[CALC]	
Calcium	31.0	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Magnesium	27.8	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Sodium	53.2	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Boron-Hot Water Soluble by EPA 6010										
Boron	ND	0.50	mg/L	1		1519033	05/08/15	05/09/15	EPA 6010C	

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Reported:
13-May-15 09:21

**Soil Sample 900' from Source
P505017-03 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
p,m-Xylene	ND	0.19	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %		50-150	1519030	05/07/15	05/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.60	mg/kg	1	1519030	05/07/15	05/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	23.0	mg/kg	0.9	1519029	05/07/15	05/12/15	EPA 8015D	
Surrogate: o-Terphenyl		90.9 %		50-200	1519029	05/07/15	05/12/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		92.2 %		50-150	1519030	05/07/15	05/12/15	EPA 8015D	
Total Metals by 6010									
Arsenic	1.38	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Barium	540	4.53	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Cadmium	ND	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Chromium	25.8	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Copper	ND	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Lead	3.56	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Mercury	ND	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Nickel	3.67	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Selenium	ND	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Silver	ND	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	
Zinc	103	0.91	mg/kg	0.9	1519034	05/08/15	05/09/15	EPA 6010C	

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Reported:
 13-May-15 09:21

Soil Sample 900' from Source
P505017-03 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Cation/Anion Analysis										
pH @25°C	9.30		pH Units	1		1520009	05/12/15	05/12/15	EPA 9045D	
Electrical Conductivity	244		umhos/cm	1		1520009	05/12/15	05/12/15	EPA 120.1	
Sodium Absorption Ratio	2.01		N/A	1		1520008	05/11/15	05/11/15	[CALC]	
Calcium	23.1	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Magnesium	21.3	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Sodium	55.7	0.01	mg/L	1		1519035	05/08/15	05/09/15	EPA 6010C	
Boron-Hot Water Soluble by EPA 6010										
Boron	ND	0.50	mg/L	1		1519033	05/08/15	05/09/15	EPA 6010C	

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Project Manager: Don Lindsey

Reported:
13-May-15 09:21

Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1519030 - Purge and Trap EPA 5030A

Blank (1519030-BLK1)

Prepared: 07-May-15 Analyzed: 08-May-15

Benzene	ND	0.10	mg/kg
Toluene	ND	0.10	"
Ethylbenzene	ND	0.10	"
p,m-Xylene	ND	0.20	"
o-Xylene	ND	0.10	"
Total Xylenes	ND	0.10	"
Total BTEX	ND	0.10	"

Surrogate: 4-Bromochlorobenzene-PID 0.386 " 0.400 96.6 50-150

LCS (1519030-BS1)

Prepared: 07-May-15 Analyzed: 08-May-15

Benzene	20.3	0.10	mg/kg	20.0	102	75-125
Toluene	19.9	0.10	"	20.0	99.7	70-125
Ethylbenzene	19.6	0.10	"	20.0	98.2	75-125
p,m-Xylene	39.6	0.20	"	39.9	99.1	80-125
o-Xylene	19.0	0.10	"	20.0	95.0	75-125

Surrogate: 4-Bromochlorobenzene-PID 0.360 " 0.399 90.2 50-150

Matrix Spike (1519030-MS1)

Source: P505015-01

Prepared: 07-May-15 Analyzed: 08-May-15

Benzene	20.9	0.10	mg/kg	20.0	ND	105	75-125
Toluene	21.0	0.10	"	20.0	0.12	104	70-125
Ethylbenzene	21.6	0.10	"	20.0	0.45	106	75-125
p,m-Xylene	44.9	0.20	"	39.9	2.26	107	80-125
o-Xylene	21.7	0.10	"	20.0	0.45	106	75-125

Surrogate: 4-Bromochlorobenzene-PID 0.396 " 0.399 99.1 50-150

Matrix Spike Dup (1519030-MSD1)

Source: P505015-01

Prepared: 07-May-15 Analyzed: 08-May-15

Benzene	20.9	0.10	mg/kg	20.0	ND	104	75-125	0.315	15
Toluene	21.0	0.10	"	20.0	0.12	104	70-125	0.220	15
Ethylbenzene	21.3	0.10	"	20.0	0.45	105	75-125	1.29	15
p,m-Xylene	44.1	0.20	"	40.0	2.26	105	80-125	1.88	15
o-Xylene	21.4	0.10	"	20.0	0.45	105	75-125	1.02	15

Surrogate: 4-Bromochlorobenzene-PID 0.380 " 0.400 95.2 50-150

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 Project Name: Crader Pipeline Leak
 Project Number: 92270-0596
 Project Manager: Don Lindsey

Reported:
 13-May-15 09:21

Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1519029 - DRO Extraction EPA 3550M
Blank (1519029-BLK1)

Prepared: 07-May-15 Analyzed: 08-May-15

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: <i>o</i> -Terphenyl	35.7		"	39.9		89.4	50-200			

LCS (1519029-BS1)

Prepared: 07-May-15 Analyzed: 08-May-15

Diesel Range Organics (C10-C28)	599	24.9	mg/kg	499		120	38-132			
Surrogate: <i>o</i> -Terphenyl	42.3		"	39.9		106	50-200			

Matrix Spike (1519029-MS1)
Source: P505015-01

Prepared: 07-May-15 Analyzed: 08-May-15

Diesel Range Organics (C10-C28)	754	24.9	mg/kg	499	107	130	38-132			
Surrogate: <i>o</i> -Terphenyl	41.7		"	39.9		105	50-200			

Matrix Spike Dup (1519029-MSD1)
Source: P505015-01

Prepared: 07-May-15 Analyzed: 08-May-15

Diesel Range Organics (C10-C28)	703	24.9	mg/kg	499	107	119	38-132	7.03	20	
Surrogate: <i>o</i> -Terphenyl	40.4		"	39.9		101	50-200			

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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1519030 - Purge and Trap EPA 5030A
Blank (1519030-BLK1)

Prepared: 07-May-15 Analyzed: 08-May-15

Gasoline Range Organics (C6-C10)	ND	9.99	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.342		"	0.400		85.6	50-150			

LCS (1519030-BS1)

Prepared: 07-May-15 Analyzed: 08-May-15

Gasoline Range Organics (C6-C10)	262	9.98	mg/kg	266		98.6	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.323		"	0.399		81.0	50-150			

Matrix Spike (1519030-MS1)
Source: P505015-01

Prepared: 07-May-15 Analyzed: 08-May-15

Gasoline Range Organics (C6-C10)	365	9.98	mg/kg	266	67.7	112	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.368		"	0.399		92.1	50-150			

Matrix Spike Dup (1519030-MSD1)
Source: P505015-01

Prepared: 07-May-15 Analyzed: 08-May-15

Gasoline Range Organics (C6-C10)	358	9.99	mg/kg	266	67.7	109	75-125	1.87	15	
Surrogate: 4-Bromochlorobenzene-FID	0.384		"	0.400		96.2	50-150			

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Total Metals by 6010 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1519034 - Metal Solid Digestion EPA 3051A
Blank (1519034-BLK1)

Prepared: 08-May-15 Analyzed: 09-May-15

Arsenic	ND	1.00	mg/kg
Barium	ND	5.00	"
Cadmium	ND	1.00	"
Chromium	ND	1.00	"
Copper	ND	1.00	"
Lead	ND	1.00	"
Mercury	ND	1.00	"
Nickel	ND	1.00	"
Selenium	ND	1.00	"
Silver	ND	1.00	"
Zinc	ND	1.00	"

Duplicate (1519034-DUP1)

Source: P505011-01

Prepared: 08-May-15 Analyzed: 09-May-15

Arsenic	1.69	1.00	mg/kg	1.64	3.34	30
Barium	510	4.98	"	520	2.09	30
Cadmium	ND	1.00	"	ND		30
Chromium	16.0	1.00	"	17.0	6.30	30
Copper	ND	1.00	"	ND		30
Lead	3.98	1.00	"	3.49	13.3	30
Mercury	ND	1.00	"	ND		30
Nickel	4.22	1.00	"	4.55	7.55	30
Selenium	ND	1.00	"	1.09		30
Silver	ND	1.00	"	ND		30
Zinc	93.9	1.00	"	92.2	1.74	30

Matrix Spike (1519034-MS1)

Source: P505011-01

Prepared: 08-May-15 Analyzed: 09-May-15

Arsenic	0.28	mg/L	0.250	0.02	106	75-125
Barium	10.7	"	5.00	4.94	115	75-125
Cadmium	0.24	"	0.250	-0.01	95.1	75-125
Chromium	0.69	"	0.500	0.16	106	75-125
Copper	0.40	"	0.500	-0.11	79.3	75-125
Lead	0.51	"	0.500	0.03	96.3	75-125
Mercury	0.10	"	0.100	-0.003	97.3	75-125
Nickel	0.54	"	0.500	0.04	98.4	75-125
Selenium	0.11	"	0.100	0.01	102	75-125
Silver	0.10	"	0.100	-0.008	96.2	75-125
Zinc	1.43	"	0.500	0.88	110	75-125

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Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Crader Pipeline Leak
Project Number: 92270-0596
Project Manager: Don Lindsey

Reported:
13-May-15 09:21

Boron-Hot Water Soluble by EPA 6010 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 1519033 - Boron HW Soluble Digestion

Blank (1519033-BLK1)

Prepared: 08-May-15 Analyzed: 09-May-15

Boron	ND	0.50	mg/L
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Duplicate (1519033-DUP1)

Source: P505011-01

Prepared: 08-May-15 Analyzed: 09-May-15

Boron	ND	0.50	mg/L	ND	30
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Matrix Spike (1519033-MS1)

Source: P505011-01

Prepared: 08-May-15 Analyzed: 09-May-15

Boron	0.51	mg/L	0.500	0.007	101	75-125
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Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Crader Pipeline Leak
Project Number: 92270-0596
Project Manager: Don Lindsey

Reported:
13-May-15 09:21

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Client: CHEVRON - (Don Lindsey)
 Project: Crader Pipeline Leak
 Sampler: Don Lindsey
 Phone: 505 301 5576
 Email(s): llina@chevron.com
 Project Manager:

RUSH?
☐ 1d
☒ 3d

Lab Use Only		Analysis and Method								lab Only		
Lab WO# P 505017		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Colo. 910 TABLE					Lab Number	Correct Cont/Prsrv (s) Y/N
Job Number 92270-0596												

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Colo. 910 TABLE							Lab Number	Correct Cont/Prsrv (s) Y/N
Soil Sample - 300' from source	5/7/15	11AM	Soil	2 - 4oz					X							1	✓
Soil Sample - 600' from source	5/7/15	11AM	Soil	2 - 4oz					X							2	✓
Soil Sample - 900' from source	5/7/15	11AM	Soil	2 - 4oz					X							3	✓

Relinquished by: (Signature) <i>[Signature]</i>	Date 5/7/15	Time 1:12	Received by: (Signature) <i>[Signature]</i>	Date 5/7/15	Time 1:12	Lab Use Only	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	**Received on Ice Y / <u>N</u> T1 <u>20.1</u> T2 <u>19.8</u> T3 <u>19.7</u> AVG Temp °C _____	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.	Chain of Custody	Notes/Billing info:
---	------------------	---------------------

EnviroTech- NM

Sample Delivery Group: L763790
Samples Received: 05/08/2015
Project Number: 92270-0596
Description: Crader Pipeline Leak
Site: P505017
Report To: Lynn Cook
5796 US. Highway 64
Farmington, NM 87401

Entire Report Reviewed By:



Daphne Richards
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SOIL SAMPLE 300 FROM SOURCE L763790-01	5
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⁶ Qc: Quality Control Summary	8
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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



SOIL SAMPLE 300 FROM SOURCE L763790-01 Solid

Collected by
Don Lindsey

Collected date/time
05/07/15 11:00

Received date/time
05/08/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG787638	1	05/08/15 12:00	05/10/15 23:32	KMF
Total Solids by Method 2540 G-2011	WG787694	1	05/08/15 14:32	05/09/15 09:49	MEL

¹ Cp

² Tc

³ Ss

SOIL SAMPLE 600 FROM SOURCE L763790-02 Solid

Collected by
Don Lindsey

Collected date/time
05/07/15 11:00

Received date/time
05/08/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG787638	1	05/08/15 12:00	05/10/15 23:55	KMF
Total Solids by Method 2540 G-2011	WG787694	1	05/08/15 14:32	05/09/15 09:49	MEL

⁴ Cn

⁵ Sr

⁶ Qc

SOIL SAMPLE 900 FROM SOURCE L763790-03 Solid

Collected by
Don Lindsey

Collected date/time
05/07/15 11:00

Received date/time
05/08/15 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analysis Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG787638	1	05/08/15 12:00	05/11/15 00:18	KMF
Total Solids by Method 2540 G-2011	WG787694	1	05/08/15 14:32	05/09/15 09:49	MEL

⁷ Gl

⁸ Al

⁹ Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne Richards
Technical Service Representative

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	67.0		1	05/09/2015 09:49	WG787694

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00896	1	05/10/2015 23:32	WG787638
Acenaphthene	ND		0.00896	1	05/10/2015 23:32	WG787638
Acenaphthylene	ND		0.00896	1	05/10/2015 23:32	WG787638
Benzo(a)anthracene	ND		0.00896	1	05/10/2015 23:32	WG787638
Benzo(a)pyrene	ND		0.00896	1	05/10/2015 23:32	WG787638
Benzo(b)fluoranthene	ND		0.00896	1	05/10/2015 23:32	WG787638
Benzo(g,h,i)perylene	ND		0.00896	1	05/10/2015 23:32	WG787638
Benzo(k)fluoranthene	ND		0.00896	1	05/10/2015 23:32	WG787638
Chrysene	ND		0.00896	1	05/10/2015 23:32	WG787638
Dibenz(a,h)anthracene	ND		0.00896	1	05/10/2015 23:32	WG787638
Fluoranthene	ND		0.00896	1	05/10/2015 23:32	WG787638
Fluorene	ND		0.00896	1	05/10/2015 23:32	WG787638
Indeno(1,2,3-cd)pyrene	ND		0.00896	1	05/10/2015 23:32	WG787638
Naphthalene	ND		0.0299	1	05/10/2015 23:32	WG787638
Phenanthrene	ND		0.00896	1	05/10/2015 23:32	WG787638
Pyrene	ND		0.00896	1	05/10/2015 23:32	WG787638
1-Methylnaphthalene	ND		0.0299	1	05/10/2015 23:32	WG787638
2-Methylnaphthalene	ND		0.0299	1	05/10/2015 23:32	WG787638
2-Chloronaphthalene	ND		0.0299	1	05/10/2015 23:32	WG787638
(S) Nitrobenzene-d5	72.7		22.1-146		05/10/2015 23:32	WG787638
(S) 2-Fluorobiphenyl	63.2		40.6-122		05/10/2015 23:32	WG787638
(S) p-Terphenyl-d14	47.9		32.2-131		05/10/2015 23:32	WG787638

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	62.9		1	05/09/2015 09:49	WG787694

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00953	1	05/10/2015 23:55	WG787638
Acenaphthene	ND		0.00953	1	05/10/2015 23:55	WG787638
Acenaphthylene	ND		0.00953	1	05/10/2015 23:55	WG787638
Benzo(a)anthracene	ND		0.00953	1	05/10/2015 23:55	WG787638
Benzo(a)pyrene	ND		0.00953	1	05/10/2015 23:55	WG787638
Benzo(b)fluoranthene	ND		0.00953	1	05/10/2015 23:55	WG787638
Benzo(g,h,i)perylene	ND		0.00953	1	05/10/2015 23:55	WG787638
Benzo(k)fluoranthene	ND		0.00953	1	05/10/2015 23:55	WG787638
Chrysene	ND		0.00953	1	05/10/2015 23:55	WG787638
Dibenz(a,h)anthracene	ND		0.00953	1	05/10/2015 23:55	WG787638
Fluoranthene	0.0157		0.00953	1	05/10/2015 23:55	WG787638
Fluorene	ND		0.00953	1	05/10/2015 23:55	WG787638
Indeno(1,2,3-cd)pyrene	ND		0.00953	1	05/10/2015 23:55	WG787638
Naphthalene	ND		0.0318	1	05/10/2015 23:55	WG787638
Phenanthrene	0.0161		0.00953	1	05/10/2015 23:55	WG787638
Pyrene	0.0154		0.00953	1	05/10/2015 23:55	WG787638
1-Methylnaphthalene	ND		0.0318	1	05/10/2015 23:55	WG787638
2-Methylnaphthalene	ND		0.0318	1	05/10/2015 23:55	WG787638
2-Chloronaphthalene	ND		0.0318	1	05/10/2015 23:55	WG787638
(S) Nitrobenzene-d5	75.6		22.1-146		05/10/2015 23:55	WG787638
(S) 2-Fluorobiphenyl	66.7		40.6-122		05/10/2015 23:55	WG787638
(S) p-Terphenyl-d14	54.5		32.2-131		05/10/2015 23:55	WG787638

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	66.1		1	05/09/2015 09:49	WG787694

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00908	1	05/11/2015 00:18	WG787638
Acenaphthene	ND		0.00908	1	05/11/2015 00:18	WG787638
Acenaphthylene	ND		0.00908	1	05/11/2015 00:18	WG787638
Benzo(a)anthracene	ND		0.00908	1	05/11/2015 00:18	WG787638
Benzo(a)pyrene	ND		0.00908	1	05/11/2015 00:18	WG787638
Benzo(b)fluoranthene	ND		0.00908	1	05/11/2015 00:18	WG787638
Benzo(g,h,i)perylene	ND		0.00908	1	05/11/2015 00:18	WG787638
Benzo(k)fluoranthene	ND		0.00908	1	05/11/2015 00:18	WG787638
Chrysene	ND		0.00908	1	05/11/2015 00:18	WG787638
Dibenz(a,h)anthracene	ND		0.00908	1	05/11/2015 00:18	WG787638
Fluoranthene	ND		0.00908	1	05/11/2015 00:18	WG787638
Fluorene	ND		0.00908	1	05/11/2015 00:18	WG787638
Indeno(1,2,3-cd)pyrene	ND		0.00908	1	05/11/2015 00:18	WG787638
Naphthalene	ND		0.0303	1	05/11/2015 00:18	WG787638
Phenanthrene	ND		0.00908	1	05/11/2015 00:18	WG787638
Pyrene	ND		0.00908	1	05/11/2015 00:18	WG787638
1-Methylnaphthalene	ND		0.0303	1	05/11/2015 00:18	WG787638
2-Methylnaphthalene	ND		0.0303	1	05/11/2015 00:18	WG787638
2-Chloronaphthalene	ND		0.0303	1	05/11/2015 00:18	WG787638
(S) Nitrobenzene-d5	69.4		22.1-146		05/11/2015 00:18	WG787638
(S) 2-Fluorobiphenyl	61.0		40.6-122		05/11/2015 00:18	WG787638
(S) p-Terphenyl-d14	49.0		32.2-131		05/11/2015 00:18	WG787638

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) 05/09/15 09:48

Analyte	MB Result %	MB Qualifier	MB RDL %
Total Solids	0.000700		

L763803-01 Original Sample (OS) • Duplicate (DUP)

(OS) 05/09/15 09:49 • (DUP) 05/09/15 09:49

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	80.7	80.9	1	0.343		5

Laboratory Control Sample (LCS)

(LCS) 05/09/15 09:49

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) 05/10/15 23:09

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
Anthracene	ND		0.00600
Acenaphthene	ND		0.00600
Acenaphthylene	ND		0.00600
Benzo(a)anthracene	ND		0.00600
Benzo(a)pyrene	ND		0.00600
Benzo(b)fluoranthene	ND		0.00600
Benzo(g,h,i)perylene	ND		0.00600
Benzo(k)fluoranthene	ND		0.00600
Chrysene	ND		0.00600
Dibenz(a,h)anthracene	ND		0.00600
Fluoranthene	ND		0.00600
Fluorene	ND		0.00600
Indeno(1,2,3-cd)pyrene	ND		0.00600
Naphthalene	ND		0.0200
Phenanthrene	ND		0.00600
Pyrene	ND		0.00600
1-Methylnaphthalene	ND		0.0200
2-Methylnaphthalene	ND		0.0200
2-Chloronaphthalene	ND		0.0200
(S) p-Terphenyl-d14	84.3		32.2-131
(S) Nitrobenzene-d5	96.8		22.1-146
(S) 2-Fluorobiphenyl	89.0		40.6-122

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 05/10/15 22:24 • (LCSD) 05/10/15 22:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0801	0.0720	100	90.0	50.3-130			10.6	20
Acenaphthene	0.0800	0.0774	0.0705	96.8	88.1	52.4-120			9.37	20
Acenaphthylene	0.0800	0.0809	0.0749	101	93.6	49.6-120			7.77	20
Benzo(a)anthracene	0.0800	0.0804	0.0735	100	91.9	46.7-125			8.87	20
Benzo(a)pyrene	0.0800	0.0677	0.0642	84.6	80.2	42.3-119			5.29	20
Benzo(b)fluoranthene	0.0800	0.0821	0.0753	103	94.1	43.6-124			8.68	20
Benzo(g,h,i)perylene	0.0800	0.0797	0.0747	99.6	93.3	45.1-132			6.51	20
Benzo(k)fluoranthene	0.0800	0.0736	0.0690	92.0	86.2	46.1-131			6.49	20
Chrysene	0.0800	0.0760	0.0693	95.0	86.6	49.5-131			9.24	20
Dibenz(a,h)anthracene	0.0800	0.0812	0.0746	102	93.2	44.8-133			8.54	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 05/10/15 22:24 • (LCSD) 05/10/15 22:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluoranthene	0.0800	0.0765	0.0686	95.6	85.8	49.3-128			10.8	20
Fluorene	0.0800	0.0765	0.0700	95.7	87.5	50.6-121			8.93	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0807	0.0741	101	92.6	46.1-135			8.50	20
Naphthalene	0.0800	0.0775	0.0723	96.8	90.3	49.6-115			6.96	20
Phenanthrene	0.0800	0.0765	0.0700	95.6	87.6	48.8-121			8.77	20
Pyrene	0.0800	0.0884	0.0806	110	101	44.7-130			9.17	20
1-Methylnaphthalene	0.0800	0.0796	0.0740	99.5	92.5	50.6-122			7.27	20
2-Methylnaphthalene	0.0800	0.0798	0.0731	99.7	91.4	50.4-120			8.72	20
2-Chloronaphthalene	0.0800	0.0758	0.0710	94.7	88.7	53.9-121			6.56	20
(S) p-Terphenyl-d14				91.3	84.4	32.2-131				
(S) Nitrobenzene-d5				106	97.9	22.1-146				
(S) 2-Fluorobiphenyl				94.3	86.7	40.6-122				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L763260-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 05/11/15 02:11 • (MS) 05/11/15 02:34 • (MSD) 05/11/15 02:57

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0729	0.0751	91.1	93.9	1	26.5-141			3.03	21.2
Acenaphthene	0.0800	ND	0.0678	0.0688	84.8	86.0	1	31.9-130			1.50	20
Acenaphthylene	0.0800	ND	0.0716	0.0728	89.5	91.0	1	33.7-129			1.67	20
Benzo(a)anthracene	0.0800	ND	0.0748	0.0729	93.5	91.1	1	18.3-136			2.50	24.6
Benzo(a)pyrene	0.0800	ND	0.0709	0.0731	88.7	91.3	1	16.9-135			2.96	25.2
Benzo(b)fluoranthene	0.0800	ND	0.0698	0.0709	87.3	88.6	1	10.0-134			1.57	30.9
Benzo(g,h,i)perylene	0.0800	ND	0.0768	0.0769	96.0	96.1	1	14.1-140			0.0800	25.5
Benzo(k)fluoranthene	0.0800	ND	0.0677	0.0662	84.6	82.8	1	18.2-138			2.20	25.6
Chrysene	0.0800	ND	0.0680	0.0677	85.0	84.6	1	17.1-145			0.510	24.2
Dibenz(a,h)anthracene	0.0800	ND	0.0776	0.0785	97.0	98.2	1	18.5-138			1.20	24.3
Fluoranthene	0.0800	ND	0.0712	0.0715	89.0	89.3	1	15.4-144			0.340	27.1
Fluorene	0.0800	ND	0.0690	0.0694	86.3	86.7	1	23.5-136			0.490	20
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0772	0.0778	96.5	97.2	1	14.5-142			0.670	25.8
Naphthalene	0.0800	0.00243	0.0662	0.0687	79.7	82.8	1	29.2-128			3.68	20
Phenanthrene	0.0800	ND	0.0703	0.0711	87.8	88.9	1	20.1-134			1.24	23.6
Pyrene	0.0800	ND	0.0834	0.0833	104	104	1	11.0-148			0.220	26.1
1-Methylnaphthalene	0.0800	ND	0.0703	0.0719	87.9	89.9	1	28.4-137			2.30	20
2-Methylnaphthalene	0.0800	ND	0.0678	0.0695	84.7	86.8	1	26.6-137			2.47	20
2-Chloronaphthalene	0.0800	ND	0.0672	0.0680	84.0	85.0	1	38.6-126			1.13	20
(S) p-Terphenyl-d14					86.9	84.1		32.2-131				



L763260-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 05/11/15 02:11 • (MS) 05/11/15 02:34 • (MSD) 05/11/15 02:57

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
(S) Nitrobenzene-d5					100	97.7		22.1-146				
(S) 2-Fluorobiphenyl					88.2	86.7		40.6-122				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
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The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
Canada	1461.01	DOD	1461.01
EPA–Crypto	TN00003	USDA	S-67674

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



