



75 Suttle Street  
Durango, CO 81303  
970.247.4220 Phone  
jeremy.allen@greenanalytical.com

16 February 2026

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: Jones 34 16 #2 & #4

Enclosed are the results of analyses for samples received by the laboratory on 02/02/26 10:55. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jeremy D. Allen'. The signature is written in a cursive style and is enclosed in a light blue rectangular box.

Reporting Station For Jeremy D Allen  
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C26-00037

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Cottonwood Consulting  
 PO Box 1653  
 Durango CO, 81302

Project: Table 915-1  
 Project Name / Number: Jones 34 16 #2 & #4  
 Project Manager: Kyle Siesser

**Reported:**  
 02/16/26 10:12

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
SS01	2602007-01	Solid	02/02/26 09:30	02/02/26 10:55	
SS02	2602007-02	Solid	02/02/26 09:40	02/02/26 10:55	
BG01	2602007-03	Solid	02/02/26 09:50	02/02/26 10:55	

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A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

**Reported:**  
02/16/26 10:12

### SS01

2602007-01 (Soil)

Sampled Date: 02/02/26 09:30

Sampled By: Robert Cochran / Joseph LaFortu

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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#### General Chemistry

Hexavalent Chromium	<0.250	0.250	0.116	mg/kg dry	25	02/06/26 11:12	3060A/3500-Cr B		AES
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#### Saturated Paste Extraction

Calcium	49.9	0.100	0.072	mg/L	1	02/11/26 14:51	EPA 200.7		AES
Conductivity	824			umho/cm@25 C	1	02/05/26 17:01	ASA#9 10-3.3		AWG
Magnesium	13.6	0.100	0.079	mg/L	1	02/11/26 14:51	EPA 200.7		AES
pH	8.27			pH Units	1	02/05/26 16:02	ASA#9 10-3.2		AWG
SAR	3.27			No Unit	1	02/11/26 14:51	USDA-60		AES
Sodium	101	1.00	0.756	mg/L	1	02/11/26 14:51	EPA 200.7		AES

#### Total Metals by ICP

Barium*	261	5.00	0.959	mg/kg dry	100	02/12/26 20:01	6010B		AWG
Cadmium*	<5.00	5.00	1.14	mg/kg dry	100	02/12/26 20:01	6010B		AWG
Copper*	20.9	10.0	6.49	mg/kg dry	100	02/12/26 20:01	6010B		AWG
Lead*	1870	10.0	5.57	mg/kg dry	100	02/12/26 20:01	6010B		AWG
Nickel*	21.7	5.00	1.63	mg/kg dry	100	02/13/26 12:24	6010B		AWG
Selenium*	<20.0	20.0	11.8	mg/kg dry	100	02/13/26 12:24	6010B		AWG
Silver*	<1.00	1.00	0.793	mg/kg dry	100	02/12/26 20:01	6010B		AWG
Zinc*	41.3	10.0	2.45	mg/kg dry	100	02/12/26 20:01	6010B		AWG

#### Total Metals by ICPMS

Arsenic	2.23	1.00	0.158	mg/kg dry	1000	02/14/26 12:12	6020A		AES
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#### Hot Water Extractable

Boron	<1.20	1.20	0.214	mg/L	4	02/11/26 15:21	EPA 200.7		AES
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### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

#### Petroleum Hydrocarbons by GC FID

DRO >C10-C28*	<10.0	10.0	6.18	mg/kg	1	02/04/26 14:12	8015B		JF
EXT DRO >C28-C36	<10.0	10.0	6.18	mg/kg	1	02/04/26 14:12	8015B		JF
GRO C6-C10*	<10.0	10.0	5.72	mg/kg	1	02/04/26 14:12	8015B		JF

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Project Manager: Kyle Siesser

Reported:  
02/16/26 10:12

### SS01

#### 2602007-01 (Soil)

Sampled Date: 02/02/26 09:30

Sampled By: Robert Cochran / Joseph LaFortu

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

#### Petroleum Hydrocarbons by GC FID

Surrogate: 1-Chlorooctadecane		98.1 %	39.9-141			02/04/26 14:12	8015B		JF
Surrogate: 1-Chlorooctane		97.4 %	52.4-130			02/04/26 14:12	8015B		JF

#### VOLATILES BY GC/MS

1,2,4-Trimethylbenzene	<0.0250	0.0250	0.00285	mg/kg	50	02/06/26 03:25	8260B		SK
1,3,5-Trimethylbenzene	<0.0250	0.0250	0.00190	mg/kg	50	02/06/26 03:25	8260B		SK
Benzene*	<0.0250	0.0250	0.00262	mg/kg	50	02/06/26 03:25	8260B		SK
Ethylbenzene*	<0.0250	0.0250	0.00200	mg/kg	50	02/06/26 03:25	8260B		SK
m+p - Xylene*	<0.0500	0.0500	0.00360	mg/kg	50	02/06/26 03:25	8260B		SK
Naphthalene*	<0.0250	0.0250	0.00195	mg/kg	50	02/06/26 03:25	8260B		SK
o-Xylene*	<0.0250	0.0250	0.00400	mg/kg	50	02/06/26 03:25	8260B		SK
Toluene*	<0.0250	0.0250	0.00480	mg/kg	50	02/06/26 03:25	8260B		SK
Total Xylenes*	<0.0500	0.0500	0.00760	mg/kg	50	02/06/26 03:25	8260B		SK

Surrogate: 4-Bromofluorobenzene		97.8 %	74.2-118			02/06/26 03:25	8260B		SK
Surrogate: Dibromofluoromethane		88.4 %	80.7-129			02/06/26 03:25	8260B		SK
Surrogate: Toluene-d8		103 %	89-110			02/06/26 03:25	8260B		SK

#### Polynuclear Aromatic Compounds by GC/MS

1-Methylnaphthalene	<0.040	0.040	0.002	mg/kg	40	02/04/26 21:57	8270C		SK
2-Methylnaphthalene*	<0.040	0.040	0.002	mg/kg	40	02/04/26 21:57	8270C		SK
Acenaphthene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 21:57	8270C		SK
Anthracene*	<0.040	0.040	0.002	mg/kg	40	02/04/26 21:57	8270C		SK
Benzo[a]anthracene*	<0.040	0.040	0.010	mg/kg	40	02/04/26 21:57	8270C		SK
Benzo[a]pyrene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 21:57	8270C		SK
Benzo[b]fluoranthene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 21:57	8270C		SK
Benzo[k]fluoranthene*	<0.040	0.040	0.002	mg/kg	40	02/04/26 21:57	8270C		SK
Chrysene	<0.040	0.040	0.002	mg/kg	40	02/04/26 21:57	8270C		SK
Dibenz[a,h]anthracene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 21:57	8270C		SK

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Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

**Reported:**  
02/16/26 10:12

**SS01**

**2602007-01 (Soil)**

**Sampled Date: 02/02/26 09:30**

**Sampled By: Robert Cochran / Joseph LaFortu**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

<b>Fluoranthene*</b>	<0.040	0.040	0.0006	mg/kg	40	02/04/26 21:57	8270C		SK
<b>Fluorene*</b>	<0.040	0.040	0.0006	mg/kg	40	02/04/26 21:57	8270C		SK
<b>Indeno[1,2,3-cd]pyrene*</b>	<0.040	0.040	0.001	mg/kg	40	02/04/26 21:57	8270C		SK
<b>Naphthalene*</b>	<0.040	0.040	0.002	mg/kg	40	02/04/26 21:57	8270C		SK
<b>Pyrene*</b>	<0.040	0.040	0.001	mg/kg	40	02/04/26 21:57	8270C		SK
<i>Surrogate: 2-Fluorobiphenyl</i>			62.4 %	7.39-192		02/04/26 21:57	8270C		SK
<i>Surrogate: Nitrobenzene-d5</i>			57.4 %	5.17-184		02/04/26 21:57	8270C		SK
<i>Surrogate: Terphenyl-d14</i>			71.6 %	27.5-139		02/04/26 21:57	8270C		SK

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Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

**Reported:**  
02/16/26 10:12

### SS02

2602007-02 (Soil)

Sampled Date: 02/02/26 09:40

Sampled By: Robert Cochran / Joseph LaFortu

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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#### General Chemistry

Hexavalent Chromium	<0.250	0.250	0.116	mg/kg dry	25	02/06/26 11:12	3060A/3500-Cr B		AES
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#### Saturated Paste Extraction

Calcium	49.6	0.100	0.072	mg/L	1	02/11/26 14:53	EPA 200.7		AES
Conductivity	351			umho/cm@25 C	1	02/05/26 17:01	ASA#9 10-3.3		AWG
Magnesium	10.3	0.100	0.079	mg/L	1	02/11/26 14:53	EPA 200.7		AES
pH	8.02			pH Units	1	02/05/26 16:02	ASA#9 10-3.2		AWG
SAR	0.31			No Unit	1	02/11/26 14:53	USDA-60		AES
Sodium	9.28	1.00	0.756	mg/L	1	02/11/26 14:53	EPA 200.7		AES

#### Total Metals by ICP

Barium*	318	5.00	0.959	mg/kg dry	100	02/12/26 20:05	6010B		AWG
Cadmium*	<5.00	5.00	1.14	mg/kg dry	100	02/12/26 20:05	6010B		AWG
Copper*	19.2	10.0	6.49	mg/kg dry	100	02/12/26 20:05	6010B		AWG
Lead*	1270	10.0	5.57	mg/kg dry	100	02/12/26 20:05	6010B		AWG
Nickel*	15.7	5.00	1.63	mg/kg dry	100	02/13/26 12:28	6010B		AWG
Selenium*	<20.0	20.0	11.8	mg/kg dry	100	02/13/26 12:28	6010B		AWG
Silver*	<1.00	1.00	0.793	mg/kg dry	100	02/12/26 20:05	6010B		AWG
Zinc*	42.9	10.0	2.45	mg/kg dry	100	02/12/26 20:05	6010B		AWG

#### Total Metals by ICPMS

Arsenic	2.35	1.00	0.158	mg/kg dry	1000	02/14/26 12:14	6020A		AES
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#### Hot Water Extractable

Boron	<1.20	1.20	0.214	mg/L	4	02/11/26 15:23	EPA 200.7		AES
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### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

#### Petroleum Hydrocarbons by GC FID

DRO >C10-C28*	<10.0	10.0	6.18	mg/kg	1	02/04/26 14:29	8015B		JF
EXT DRO >C28-C36	<10.0	10.0	6.18	mg/kg	1	02/04/26 14:29	8015B		JF
GRO C6-C10*	<10.0	10.0	5.72	mg/kg	1	02/04/26 14:29	8015B		JF

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Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

Reported:  
02/16/26 10:12

**SS02**

**2602007-02 (Soil)**

**Sampled Date: 02/02/26 09:40**

**Sampled By: Robert Cochran / Joseph LaFortu**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

Surrogate: 1-Chlorooctadecane			96.7 %	39.9-141		02/04/26 14:29	8015B		JF
Surrogate: 1-Chlorooctane			94.8 %	52.4-130		02/04/26 14:29	8015B		JF

**VOLATILES BY GC/MS**

1,2,4-Trimethylbenzene	<0.0250	0.0250	0.00285	mg/kg	50	02/06/26 03:49	8260B		SK
1,3,5-Trimethylbenzene	<0.0250	0.0250	0.00190	mg/kg	50	02/06/26 03:49	8260B		SK
Benzene*	<0.0250	0.0250	0.00262	mg/kg	50	02/06/26 03:49	8260B		SK
Ethylbenzene*	<0.0250	0.0250	0.00200	mg/kg	50	02/06/26 03:49	8260B		SK
m+p - Xylene*	<0.0500	0.0500	0.00360	mg/kg	50	02/06/26 03:49	8260B		SK
Naphthalene*	<0.0250	0.0250	0.00195	mg/kg	50	02/06/26 03:49	8260B		SK
o-Xylene*	<0.0250	0.0250	0.00400	mg/kg	50	02/06/26 03:49	8260B		SK
Toluene*	<0.0250	0.0250	0.00480	mg/kg	50	02/06/26 03:49	8260B		SK
Total Xylenes*	<0.0500	0.0500	0.00760	mg/kg	50	02/06/26 03:49	8260B		SK
Surrogate: 4-Bromofluorobenzene			95.4 %	74.2-118		02/06/26 03:49	8260B		SK
Surrogate: Dibromofluoromethane			79.7 %	80.7-129		02/06/26 03:49	8260B	S-04	SK
Surrogate: Toluene-d8			102 %	89-110		02/06/26 03:49	8260B		SK

**Polynuclear Aromatic Compounds by GC/MS**

1-Methylnaphthalene	<0.040	0.040	0.002	mg/kg	40	02/04/26 22:27	8270C		SK
2-Methylnaphthalene*	<0.040	0.040	0.002	mg/kg	40	02/04/26 22:27	8270C		SK
Acenaphthene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 22:27	8270C		SK
Anthracene*	<0.040	0.040	0.002	mg/kg	40	02/04/26 22:27	8270C		SK
Benzo[a]anthracene*	<0.040	0.040	0.010	mg/kg	40	02/04/26 22:27	8270C		SK
Benzo[a]pyrene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 22:27	8270C		SK
Benzo[b]flouranthene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 22:27	8270C		SK
Benzo[k]flouranthene*	<0.040	0.040	0.002	mg/kg	40	02/04/26 22:27	8270C		SK
Chrysene	<0.040	0.040	0.002	mg/kg	40	02/04/26 22:27	8270C		SK
Dibenz[a,h]anthracene*	<0.040	0.040	0.001	mg/kg	40	02/04/26 22:27	8270C		SK

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Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

**Reported:**  
02/16/26 10:12

**SS02**

**2602007-02 (Soil)**

**Sampled Date: 02/02/26 09:40**

**Sampled By: Robert Cochran / Joseph LaFortu**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

<b>Fluoranthene*</b>	<0.040	0.040	0.0006	mg/kg	40	02/04/26 22:27	8270C		SK
<b>Fluorene*</b>	<0.040	0.040	0.0006	mg/kg	40	02/04/26 22:27	8270C		SK
<b>Indeno[1,2,3-cd]pyrene*</b>	<0.040	0.040	0.001	mg/kg	40	02/04/26 22:27	8270C		SK
<b>Naphthalene*</b>	<0.040	0.040	0.002	mg/kg	40	02/04/26 22:27	8270C		SK
<b>Pyrene*</b>	<0.040	0.040	0.001	mg/kg	40	02/04/26 22:27	8270C		SK
<i>Surrogate: 2-Fluorobiphenyl</i>			51.6 %	7.39-192		02/04/26 22:27	8270C		SK
<i>Surrogate: Nitrobenzene-d5</i>			48.4 %	5.17-184		02/04/26 22:27	8270C		SK
<i>Surrogate: Terphenyl-d14</i>			65.1 %	27.5-139		02/04/26 22:27	8270C		SK

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Reporting Station For Jeremy D Allen, Laboratory Director

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Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

**Reported:**  
02/16/26 10:12

### BG01

2602007-03 (Soil)

Sampled Date: 02/02/26 09:50

Sampled By: Robert Cochran / Joseph LaFortu

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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#### General Chemistry

Hexavalent Chromium	<0.250	0.250	0.116	mg/kg dry	25	02/06/26 11:12	3060A/3500-Cr B		AES
---------------------	--------	-------	-------	-----------	----	----------------	-----------------	--	-----

#### Saturated Paste Extraction

Calcium	48.6	0.100	0.072	mg/L	1	02/11/26 14:55	EPA 200.7		AES
Conductivity	352			umho/cm@25 C	1	02/05/26 17:01	ASA#9 10-3.3		AWG
Magnesium	11.4	0.100	0.079	mg/L	1	02/11/26 14:55	EPA 200.7		AES
pH	7.77			pH Units	1	02/05/26 16:02	ASA#9 10-3.2		AWG
SAR	0.31			No Unit	1	02/11/26 14:55	USDA-60		AES
Sodium	9.18	1.00	0.756	mg/L	1	02/11/26 14:55	EPA 200.7		AES

#### Total Metals by ICPMS

Arsenic	1.67	1.00	0.158	mg/kg dry	1000	02/14/26 12:15	6020A		AES
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#### Hot Water Extractable

Boron	<1.20	1.20	0.214	mg/L	4	02/11/26 15:25	EPA 200.7		AES
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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

**Reported:**  
02/16/26 10:12

### General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B260316 - General Prep - Wet Chem</b>										
<b>Blank (B260316-BLK1)</b> Prepared: 02/02/26 Analyzed: 02/06/26										
Hexavalent Chromium	ND	0.250	mg/kg dry							
<b>LCS (B260316-BS1)</b> Prepared: 02/02/26 Analyzed: 02/06/26										
Hexavalent Chromium	2.60	0.250	mg/kg dry	2.50		104	85-115			

### Saturated Paste Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B260348 - Paste Extract</b>										
<b>Duplicate (B260348-DUP1)</b> Source: 2602003-01 Prepared & Analyzed: 02/05/26										
pH	7.86		pH Units		7.82			0.510	20	
<b>Reference (B260348-SRM1)</b> Prepared & Analyzed: 02/05/26										
pH	8.45		pH Units	8.62		98.0	92-108			
<b>Batch B260349 - Paste Extract</b>										
<b>Duplicate (B260349-DUP1)</b> Source: 2602003-01 Prepared & Analyzed: 02/05/26										
Conductivity	437		umho/cm@2 5C		450			2.93	20	
<b>Reference (B260349-SRM1)</b> Prepared & Analyzed: 02/05/26										
Conductivity	4730		umho/cm@2 5C	4490		105	90-110			
<b>Batch B260350 - Paste Extract</b>										
<b>Blank (B260350-BLK1)</b> Prepared: 02/05/26 Analyzed: 02/11/26										
Calcium	ND	0.100	mg/L							
Magnesium	ND	0.100	mg/L							
SAR	0.00		No Unit							
Sodium	ND	1.00	mg/L							
<b>Duplicate (B260350-DUP1)</b> Source: 2602003-01 Prepared: 02/05/26 Analyzed: 02/11/26										
Calcium	42.5	0.500	mg/L		45.0			5.59	20	
Magnesium	9.22	0.500	mg/L		10.5			13.1	20	

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Project Manager: Kyle Siesser

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**Saturated Paste Extraction - Quality Control  
(Continued)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B260350 - Paste Extract (Continued)**

**Duplicate (B260350-DUP1) (Continued)**

Source: 2602003-01 Prepared: 02/05/26 Analyzed: 02/11/26

SAR	1.16		No Unit		1.26			8.26	20	
Sodium	31.9	5.00	mg/L		36.1			12.5	20	

**Reference (B260350-SRM1)**

Prepared: 02/05/26 Analyzed: 02/11/26

SAR	21.3		No Unit	20.4		104	90-110			
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Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

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### Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B260390 - EPA 3050

##### Blank (B260390-BLK1)

Prepared: 02/09/26 Analyzed: 02/12/26

Barium	ND	5.00	mg/kg dry							
Cadmium	ND	5.00	mg/kg dry							
Copper	ND	10.0	mg/kg dry							
Lead	ND	10.0	mg/kg dry							
Nickel	ND	5.00	mg/kg dry							
Selenium	ND	20.0	mg/kg dry							
Silver	ND	1.00	mg/kg dry							
Zinc	ND	10.0	mg/kg dry							

##### LCS (B260390-BS1)

Prepared: 02/09/26 Analyzed: 02/12/26

Barium	199	5.00	mg/kg dry	200		99.4	80-120			
Cadmium	195	5.00	mg/kg dry	200		97.7	80-120			
Copper	419	10.0	mg/kg dry	400		105	80-120			
Lead	ND	10.0	mg/kg dry	200			80-120			
Nickel	ND	5.00	mg/kg dry	200			80-120			
Selenium	ND	20.0	mg/kg dry	800			80-120			
Silver	9.06	1.00	mg/kg dry	10.0		90.6	80-120			
Zinc	195	10.0	mg/kg dry	200		97.4	80-120			

##### LCS Dup (B260390-BSD1)

Prepared: 02/09/26 Analyzed: 02/12/26

Barium	191	5.00	mg/kg dry	200		95.4	80-120	4.12	20	
Cadmium	188	5.00	mg/kg dry	200		93.8	80-120	4.11	20	
Copper	401	10.0	mg/kg dry	400		100	80-120	4.43	20	
Lead	ND	10.0	mg/kg dry	200			80-120		20	
Nickel	ND	5.00	mg/kg dry	200			80-120		20	
Selenium	ND	20.0	mg/kg dry	800			80-120		20	
Silver	9.53	1.00	mg/kg dry	10.0		95.3	80-120	5.06	20	
Zinc	187	10.0	mg/kg dry	200		93.6	80-120	3.98	20	

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Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

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### Total Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B260391 - EPA 3050M

##### Blank (B260391-BLK1)

Prepared: 02/09/26 Analyzed: 02/14/26

Arsenic ND 0.100 mg/kg dry

##### LCS (B260391-BS1)

Prepared: 02/09/26 Analyzed: 02/14/26

Arsenic 5.08 0.100 mg/kg dry 5.00 102 80-120

##### LCS Dup (B260391-BSD1)

Prepared: 02/09/26 Analyzed: 02/14/26

Arsenic 5.11 0.100 mg/kg dry 5.00 102 80-120 0.594 20

### Hot Water Extractable - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B260360 - General Prep-SOILS

##### Blank (B260360-BLK1)

Prepared: 02/05/26 Analyzed: 02/11/26

Boron ND 1.20 mg/L

##### Duplicate (B260360-DUP1)

Source: 2602003-02 Prepared: 02/05/26 Analyzed: 02/11/26

Boron ND 3.00 mg/L ND 200

##### Duplicate (B260360-DUP2)

Source: 2602003-01 Prepared: 02/05/26 Analyzed: 02/11/26

Boron ND 3.00 mg/L ND 200

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Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

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02/16/26 10:12

### Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6020410 - General Prep - Organics

##### Blank (6020410-BLK1)

Prepared & Analyzed: 02/04/26

Surrogate: 1-Chlorooctadecane	47.7		mg/kg	50.0		95.4	39.9-141			
Surrogate: 1-Chlorooctane	48.7		mg/kg	50.0		97.3	52.4-130			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							

##### LCS (6020410-BS1)

Prepared & Analyzed: 02/04/26

Surrogate: 1-Chlorooctadecane	52.1		mg/kg	50.0		104	39.9-141			
Surrogate: 1-Chlorooctane	51.4		mg/kg	50.0		103	52.4-130			
DRO >C10-C28	206	10.0	mg/kg	200		103	74.8-123			
GRO C6-C10	218	10.0	mg/kg	200		109	78.7-123			
Total TPH C6-C28	424	10.0	mg/kg	400		106	78.6-121			

##### LCS Dup (6020410-BSD1)

Prepared & Analyzed: 02/04/26

Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	39.9-141			
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0		105	52.4-130			
DRO >C10-C28	203	10.0	mg/kg	200		101	74.8-123	1.65	10.9	
GRO C6-C10	218	10.0	mg/kg	200		109	78.7-123	0.269	11.3	
Total TPH C6-C28	420	10.0	mg/kg	400		105	78.6-121	0.937	10.5	

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Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

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02/16/26 10:12

### VOLATILES BY GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6020327 - Volatiles

##### Blank (6020327-BLK1)

Prepared: 02/03/26 Analyzed: 02/06/26

1,2,4-Trimethylbenzene	ND	0.0250	mg/kg							
1,3,5-Trimethylbenzene	ND	0.0250	mg/kg							
<i>Surrogate: 4-Bromofluorobenzene</i>	2.48		mg/kg	2.50		99.2	74.2-118			
Benzene	ND	0.0250	mg/kg							
<i>Surrogate: Dibromofluoromethane</i>	2.20		mg/kg	2.50		88.1	80.7-129			
Ethylbenzene	ND	0.0250	mg/kg							
m+p - Xylene	ND	0.0500	mg/kg							
Naphthalene	ND	0.0250	mg/kg							
o-Xylene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	mg/kg							
<i>Surrogate: Toluene-d8</i>	2.56		mg/kg	2.50		102	89-110			
Total Xylenes	ND	0.0500	mg/kg							

##### LCS (6020327-BS1)

Prepared: 02/03/26 Analyzed: 02/05/26

1,2,4-Trimethylbenzene	0.488	0.0250	mg/kg	0.500		97.6	71.8-127			
1,3,5-Trimethylbenzene	0.487	0.0250	mg/kg	0.500		97.4	71.2-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.55		mg/kg	2.50		102	74.2-118			
Benzene	0.500	0.0250	mg/kg	0.500		100	71.3-120			
<i>Surrogate: Dibromofluoromethane</i>	2.14		mg/kg	2.50		85.6	80.7-129			
Ethylbenzene	0.518	0.0250	mg/kg	0.500		104	78.7-116			
m+p - Xylene	1.06	0.0500	mg/kg	1.00		106	74.5-121			
Naphthalene	0.375	0.0250	mg/kg	0.500		75.0	48.7-139			
o-Xylene	0.483	0.0250	mg/kg	0.500		96.5	68.3-114			
Toluene	0.470	0.0250	mg/kg	0.500		93.9	75.4-117			
<i>Surrogate: Toluene-d8</i>	2.58		mg/kg	2.50		103	89-110			
Total Xylenes	1.54	0.0500	mg/kg	1.50		103	73.4-117			

##### LCS Dup (6020327-BS1)

Prepared: 02/03/26 Analyzed: 02/05/26

1,2,4-Trimethylbenzene	0.504	0.0250	mg/kg	0.500		101	71.8-127	3.21	38.2	
1,3,5-Trimethylbenzene	0.501	0.0250	mg/kg	0.500		100	71.2-130	2.92	39.1	
<i>Surrogate: 4-Bromofluorobenzene</i>	2.63		mg/kg	2.50		105	74.2-118			
Benzene	0.505	0.0250	mg/kg	0.500		101	71.3-120	1.07	17.1	
<i>Surrogate: Dibromofluoromethane</i>	2.13		mg/kg	2.50		85.4	80.7-129			
Ethylbenzene	0.542	0.0250	mg/kg	0.500		108	78.7-116	4.45	16.5	
m+p - Xylene	1.14	0.0500	mg/kg	1.00		114	74.5-121	6.73	19.1	
Naphthalene	0.434	0.0250	mg/kg	0.500		86.8	48.7-139	14.6	64	
o-Xylene	0.526	0.0250	mg/kg	0.500		105	68.3-114	8.54	13.2	
Toluene	0.500	0.0250	mg/kg	0.500		100	75.4-117	6.31	18.3	

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Project: Table 915-1  
 Project Name / Number: Jones 34 16 #2 & #4  
 Project Manager: Kyle Siesser

**Reported:**  
 02/16/26 10:12

**VOLATILES BY GC/MS - Quality Control  
 (Continued)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6020327 - Volatiles (Continued)**

**LCS Dup (6020327-BSD1) (Continued)**

Prepared: 02/03/26 Analyzed: 02/05/26

<i>Surrogate: Toluene-d8</i>	2.56		mg/kg	2.50		103	89-110			
Total Xylenes	1.66	0.0500	mg/kg	1.50		111	73.4-117	7.30	16.5	

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A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

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Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

Reported:  
02/16/26 10:12

### Polynuclear Aromatic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6020330 - SW846-3546

#### Blank (6020330-BLK1)

Prepared & Analyzed: 02/04/26

1-Methylnaphthalene	ND	0.040	mg/kg							
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1.35</i>		mg/kg	<i>2.00</i>		<i>67.3</i>	<i>7.39-192</i>			
2-Methylnaphthalene	ND	0.040	mg/kg							
Acenaphthene	ND	0.040	mg/kg							
Anthracene	ND	0.040	mg/kg							
Benzo[a]anthracene	ND	0.040	mg/kg							
Benzo[a]pyrene	ND	0.040	mg/kg							
Benzo[b]flouranthene	ND	0.040	mg/kg							
Benzo[k]flouranthene	ND	0.040	mg/kg							
Chrysene	ND	0.040	mg/kg							
Dibenz[a,h]anthracene	ND	0.040	mg/kg							
Fluoranthene	ND	0.040	mg/kg							
Fluorene	ND	0.040	mg/kg							
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg							
Naphthalene	ND	0.040	mg/kg							
<i>Surrogate: Nitrobenzene-d5</i>	<i>1.23</i>		mg/kg	<i>2.00</i>		<i>61.6</i>	<i>5.17-184</i>			
Pyrene	ND	0.040	mg/kg							
<i>Surrogate: Terphenyl-d14</i>	<i>1.50</i>		mg/kg	<i>2.00</i>		<i>75.2</i>	<i>27.5-139</i>			

#### LCS (6020330-BS1)

Prepared & Analyzed: 02/04/26

1-Methylnaphthalene	0.323	0.040	mg/kg	0.400		80.8	47.6-126			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1.37</i>		mg/kg	<i>2.00</i>		<i>68.3</i>	<i>7.39-192</i>			
2-Methylnaphthalene	0.314	0.040	mg/kg	0.400		78.5	48.1-126			
Acenaphthene	0.333	0.040	mg/kg	0.400		83.2	49.4-119			
Acenaphthylene	0.324	0.040	mg/kg	0.400		81.1	50.2-124			
Anthracene	0.327	0.040	mg/kg	0.400		81.8	51.9-120			
Benzo[a]anthracene	0.357	0.040	mg/kg	0.400		89.3	49.9-123			
Benzo[a]pyrene	0.363	0.040	mg/kg	0.400		90.7	52.9-126			
Benzo[b]flouranthene	0.364	0.040	mg/kg	0.400		91.0	52.1-125			
Benzo[g,h,i]perylene	0.349	0.040	mg/kg	0.400		87.3	50.7-130			
Benzo[k]flouranthene	0.356	0.040	mg/kg	0.400		88.9	49.3-131			
Carbazole	0.331	0.040	mg/kg	0.400		82.7	54-123			
Chrysene	0.343	0.040	mg/kg	0.400		85.8	50.1-125			
Dibenz[a,h]anthracene	0.356	0.040	mg/kg	0.400		89.0	51.7-129			
Fluoranthene	0.348	0.040	mg/kg	0.400		87.0	54.9-126			
Fluorene	0.330	0.040	mg/kg	0.400		82.6	50.1-126			
Indeno[1,2,3-cd]pyrene	0.364	0.040	mg/kg	0.400		91.0	50-132			
Naphthalene	0.324	0.040	mg/kg	0.400		80.9	46.9-122			

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Project: Table 915-1  
Project Name / Number: Jones 34 16 #2 & #4  
Project Manager: Kyle Siesser

Reported:  
02/16/26 10:12

**Polynuclear Aromatic Compounds by GC/MS - Quality Control**  
**(Continued)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6020330 - SW846-3546 (Continued)**

**LCS (6020330-BS1) (Continued)**

Prepared & Analyzed: 02/04/26

<i>Surrogate: Nitrobenzene-d5</i>	1.32		mg/kg	2.00		66.1	5.17-184			
Phenanthrene	0.333	0.040	mg/kg	0.400		83.2	53.6-120			
Pyrene	0.351	0.040	mg/kg	0.400		87.7	50.2-124			
<i>Surrogate: Terphenyl-d14</i>	1.52		mg/kg	2.00		76.2	27.5-139			

**LCS Dup (6020330-BSD1)**

Prepared & Analyzed: 02/04/26

1-Methylnaphthalene	0.328	0.040	mg/kg	0.400		82.0	47.6-126	1.39	6.22	
<i>Surrogate: 2-Fluorobiphenyl</i>	1.37		mg/kg	2.00		68.4	7.39-192			
2-Methylnaphthalene	0.330	0.040	mg/kg	0.400		82.6	48.1-126	5.04	6.23	
Acenaphthene	0.328	0.040	mg/kg	0.400		82.1	49.4-119	1.30	8.18	
Acenaphthylene	0.314	0.040	mg/kg	0.400		78.6	50.2-124	3.17	5	
Anthracene	0.331	0.040	mg/kg	0.400		82.9	51.9-120	1.32	3.68	
Benzo[a]anthracene	0.351	0.040	mg/kg	0.400		87.9	49.9-123	1.61	9.01	
Benzo[a]pyrene	0.372	0.040	mg/kg	0.400		93.1	52.9-126	2.56	4.92	
Benzo[b]fluoranthene	0.370	0.040	mg/kg	0.400		92.4	52.1-125	1.58	7.63	
Benzo[g,h,i]perylene	0.351	0.040	mg/kg	0.400		87.7	50.7-130	0.512	12.5	
Benzo[k]fluoranthene	0.358	0.040	mg/kg	0.400		89.5	49.3-131	0.656	10.6	
Carbazole	0.344	0.040	mg/kg	0.400		85.9	54-123	3.78	8.65	
Chrysene	0.355	0.040	mg/kg	0.400		88.7	50.1-125	3.30	21.8	
Dibenz[a,h]anthracene	0.359	0.040	mg/kg	0.400		89.8	51.7-129	0.850	11.6	
Fluoranthene	0.348	0.040	mg/kg	0.400		86.9	54.9-126	0.138	7.54	
Fluorene	0.334	0.040	mg/kg	0.400		83.5	50.1-126	1.15	5.49	
Indeno[1,2,3-cd]pyrene	0.367	0.040	mg/kg	0.400		91.8	50-132	0.938	22.3	
Naphthalene	0.322	0.040	mg/kg	0.400		80.5	46.9-122	0.514	4.56	
<i>Surrogate: Nitrobenzene-d5</i>	1.33		mg/kg	2.00		66.3	5.17-184			
Phenanthrene	0.327	0.040	mg/kg	0.400		81.7	53.6-120	1.80	5.21	
Pyrene	0.357	0.040	mg/kg	0.400		89.2	50.2-124	1.74	10.6	
<i>Surrogate: Terphenyl-d14</i>	1.55		mg/kg	2.00		77.6	27.5-139			

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Reporting Station For Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
 PO Box 1653  
 Durango CO, 81302

Project: Table 915-1  
 Project Name / Number: Jones 34 16 #2 & #4  
 Project Manager: Kyle Siesser

**Reported:**  
 02/16/26 10:12

### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
M3	Matrix spike recovery did not meet acceptance criteria. Accuracy of the spike is reduced since the analyte concentration in the sample is more than four times the spike level.
M2	Matrix spike recovery was below laboratory acceptance criteria. Recovery possibly affected by a matrix interference in the sample. The method blank spike recovery was acceptable.
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 *Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Reporting Station For Jeremy D Allen, Laboratory Director

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Date/Initials of person examining contents: 02/02/2006  
SW

Labeled by initials: \_\_\_\_\_  
(if different than above)

**SAMPLE CONDITION RECEIPT FORM**

Client Name: Cottonwood Consulting LLC

Work Order # 2602-007

Courier:  Fed Ex  UPS  USPS  Client  Kangaroo  Third Party  Other

Custody Seals on Box/Cooler Present:  Yes  No Seals Intact:  Yes  No GAL Cooler #: \_\_\_\_\_

Thermometer Used: #2 Samples on ice, cooling process has begun:  Yes  No

Type of Ice:  Wet  Blue  None Cooler Temp: Observed Temp: 8.8 °C Correction Factor: 0 °C Final Temp: 8.8 °C

Temp: \_\_\_\_\_ °C \*Temp should be above freezing 6°C, if multiple readings are taken the lowest temp is the final temp recorded.  
Temp: \_\_\_\_\_ °C  
Temp: \_\_\_\_\_ °C

Compliance:  Yes  No

Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
COC Signed when Relinquished and Received:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and Signature on COC: <i>*Required for compliance</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Samples arrived within hold time: <i>(Excluding pH)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
Correct Containers Used & Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr): <i>(Excluding pH)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
pH's acceptable upon receipt where applicable: <i>*Not including metals bottles</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	9.
Dissolved Testing Needed:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	10.
Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Sample Labels match COC: -Includes Date/Time/ID	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11.
Matrix:	WT <input checked="" type="checkbox"/> SL <input type="checkbox"/> OT	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Trip Blank Custody Seals Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
VOA's meet headspace requirement (<6mm bubbles)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Non-Conformance(s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	13.

**Client Notification/Resolution:**

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_