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09 August 2022

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: Rule 615

Enclosed are the results of analyses for samples received by the laboratory on 07/25/22 16:40. 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, reading 'Jeremy D. Allen', is written in a cursive style.

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: T104704514-22-14

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: T104704398-22-15



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PO Box 1653  
Durango CO, 81302

Project: Rule 615  
Project Name / Number: Ignacio 34-8 #13-8  
Project Manager: Kyle Siesser

**Reported:**  
08/09/22 17:10

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
Ignacio 34-8 #13-8 Wellbore	2207267-01	Water	07/25/22 15:00	07/25/22 16:40	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Reported:  
08/09/22 17:10

### Ignacio 34-8 #13-8 Wellbore

#### 2207267-01 (Water)

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

Alkalinity, Bicarbonate as CaCO <sub>3</sub> *	<10.0	10.0	2.27	mg/L	1	08/01/22 12:00	2320 B		AES
Alkalinity, Carbonate as CaCO <sub>3</sub> *	242	10.0	2.27	mg/L	1	08/01/22 12:00	2320 B		AES
Alkalinity, Hydroxide as CaCO <sub>3</sub> *	59.0	10.0	2.27	mg/L	1	08/01/22 12:00	2320 B		AES
Alkalinity, Total as CaCO <sub>3</sub> *	301	10.0	2.27	mg/L	1	08/01/22 12:00	2320 B		AES
Bromide	0.285	0.100	0.0274	mg/L	1	07/28/22 00:00	EPA300.0		AES
Chloride*	86.9	1.00	0.0555	mg/L	1	07/28/22 00:00	EPA300.0		AES
Conductivity*	1040	1.00		umho/cm @ 25.0°C	1	07/26/22 11:20	2510 B		QEB
Fluoride*	1.43	0.100	0.00971	mg/L	1	07/28/22 00:00	EPA300.0		AES
Nitrate/Nitrite as N*	0.030	0.020	0.012	mg/L as N	1	07/28/22 14:42	EPA353.2		HTB
pH*	10.8			pH Units	1	07/26/22 11:20	EPA150.1		QEB
pH Temperature, degrees C	20.3			pH Units	1	07/26/22 11:20	EPA150.1		QEB
Phosphorus, Total	0.753	0.0500	0.0164	mg P/L	1	07/29/22 11:39	EPA365.1		HTB
SAR	4.78			No Unit	1	07/28/22 12:52	Calculation		AES
Total Dissolved Solids*	645	10.0		mg/L	1	08/01/22 11:14	EPA160.1		AES
Sulfate*	125	1.00	0.124	mg/L	1	07/28/22 00:00	EPA300.0		AES

#### Total Recoverable Metals by ICP (E200.7)

Boron	<0.300	0.300	0.093	mg/L	1	07/28/22 12:52	EPA200.7		AES
Calcium*	88.1	0.100	0.038	mg/L	1	07/28/22 12:52	EPA200.7		AES
Hardness as CaCO <sub>3</sub>	260	0.662	0.218	mg/L	1	07/28/22 12:52	2340 B		AES
Iron*	32.7	0.050	0.038	mg/L	1	07/28/22 12:52	EPA200.7		AES
Magnesium*	9.69	0.100	0.030	mg/L	1	07/28/22 12:52	EPA200.7		AES
Potassium*	5.75	1.00	0.178	mg/L	1	07/28/22 12:52	EPA200.7		AES
Sodium*	177	1.00	0.076	mg/L	1	07/28/22 12:52	EPA200.7		AES
Strontium*	0.674	0.100	0.018	mg/L	1	07/28/22 12:52	EPA200.7		AES

#### Total Recoverable Metals by ICPMS (E200.8)

Barium*	5.56	0.0100	0.0062	mg/L	20	07/29/22 15:17	EPA200.8		AES
Manganese*	0.558	0.0400	0.0037	mg/L	20	07/29/22 15:17	EPA200.8		AES
Selenium*	0.0012	0.0010	0.0007	mg/L	1	07/29/22 14:55	EPA200.8		AES

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Project: Rule 615  
Project Name / Number: Ignacio 34-8 #13-8  
Project Manager: Kyle Siesser

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08/09/22 17:10

### Ignacio 34-8 #13-8 Wellbore

#### 2207267-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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#### Other

Iron-Related Bacteria	High			CFU/mL	1	07/26/22 16:00	Lab Procedure		PMS
	Aggressivity								
Slime-Forming Bacteria	High			CFU/mL	1	07/26/22 16:00	Lab Procedure		PMS
	Aggressivity								
Sulfate-Reducing Bacteria	Medium			CFU/mL	1	07/26/22 16:00	Lab Procedure		PMS
	Aggressivity								

#### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

#### Volatile Organic Compounds by EPA Method 8021

Benzene*	0.190	0.001	0.00009	mg/L	1	07/28/22 14:05	8021B		JH/
Toluene*	0.167	0.001	0.0001	mg/L	1	07/28/22 14:05	8021B		JH/
Ethylbenzene*	0.017	0.001	0.0002	mg/L	1	07/28/22 14:05	8021B		JH/
Total Xylenes*	0.195	0.003	0.0003	mg/L	1	07/28/22 14:05	8021B		JH/
Total BTEX	0.569	0.006	0.001	mg/L	1	07/28/22 14:05	8021B		JH/

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 77.1-124 07/28/22 14:05 8021B JH/

#### Petroleum Hydrocarbons by GC FID

GRO C6-C10*	2.65	1.00	0.295	mg/L	0.1	07/29/22 20:20	8015B		MS
DRO >C10-C28*	14.3	1.00	0.670	mg/L	0.1	07/29/22 20:20	8015B		MS
EXT DRO >C28-C36	1.90	1.00	0.670	mg/L	0.1	07/29/22 20:20	8015B		MS

Surrogate: 1-Chlorooctane 68.5 % 44.9-146 07/29/22 20:20 8015B MS

Surrogate: 1-Chlorooctadecane 79.4 % 39.8-162 07/29/22 20:20 8015B MS

#### Subcontracted -- SunStar Laboratories, Inc. 25712 Commercentre Drive Lake Forest, CA 92630

#### RSK-175

Methane	14600	32.8	3.64	ug/l	10	08/03/22 08:11	RSK-175		WAE
Ethane	1790	6.15	1.16	ug/l	1	08/03/22 08:11	RSK-175		WAE
Propane	726	9.02	0.577	ug/l	1	08/03/22 08:11	RSK-175		WAE

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Project Manager: Kyle Siesser

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08/09/22 17:10

### General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B222021 - IC- Ion Chromatograph

##### Blank (B222021-BLK1)

Prepared &amp; Analyzed: 07/27/22

Bromide	ND	0.100	mg/L
Chloride	ND	1.00	mg/L
Fluoride	ND	0.100	mg/L
Sulfate	ND	1.00	mg/L

##### LCS (B222021-BS1)

Prepared &amp; Analyzed: 07/27/22

Bromide	2.41	0.100	mg/L	2.50	96.4	90-110
Chloride	24.5	1.00	mg/L	25.0	98.0	90-110
Fluoride	2.41	0.100	mg/L	2.50	96.2	90-110
Sulfate	24.1	1.00	mg/L	25.0	96.5	90-110

##### LCS Dup (B222021-BSD1)

Prepared &amp; Analyzed: 07/27/22

Bromide	2.45	0.100	mg/L	2.50	97.9	90-110	1.52	20
Chloride	24.8	1.00	mg/L	25.0	99.0	90-110	1.06	20
Fluoride	2.44	0.100	mg/L	2.50	97.4	90-110	1.24	20
Sulfate	24.4	1.00	mg/L	25.0	97.5	90-110	1.10	20

#### Batch B222027 - General Prep - Wet Chem

##### Reference (B222027-SRM1)

Prepared &amp; Analyzed: 07/26/22

pH	7.02	pH Units	7.00	100	98.57-101.42
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#### Batch B222028 - General Prep - Wet Chem

##### Reference (B222028-SRM1)

Prepared &amp; Analyzed: 07/26/22

Conductivity	1020	1.00 umho/cm @ 25.0°C	1000	102	90-110
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#### Batch B222035 - Total Recoverable by ICP

##### Blank (B222035-BLK1)

Prepared: 07/27/22 Analyzed: 07/28/22

SAR	0.00	No Unit
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#### Batch B222058 - Lachat

##### Blank (B222058-BLK1)

Prepared &amp; Analyzed: 07/28/22

Nitrate/Nitrite as N	ND	0.020 mg/L as N
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##### LCS (B222058-BS1)

Prepared &amp; Analyzed: 07/28/22

Nitrate/Nitrite as N	1.05	0.020 mg/L as N	1.00	105	90-110
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Project Manager: Kyle Siesser

Reported:  
08/09/22 17:10

**General Chemistry - Quality Control  
(Continued)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B222058 - Lachat (Continued)**

**LCS Dup (B222058-BSD1)**

Prepared & Analyzed: 07/28/22

Nitrate/Nitrite as N	1.05	0.020	mg/L as N	1.00		105	90-110	0.0762	20	
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**Batch B222064 - Lachat**

**Blank (B222064-BLK1)**

Prepared & Analyzed: 07/29/22

Phosphorus, Total	ND	0.0500	mg P/L							
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**LCS (B222064-BS1)**

Prepared & Analyzed: 07/29/22

Phosphorus, Total	2.63	0.0500	mg P/L	2.50		105	90-110			
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**LCS Dup (B222064-BSD1)**

Prepared & Analyzed: 07/29/22

Phosphorus, Total	2.65	0.0500	mg P/L	2.50		106	90-110	0.700	20	
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**Batch B222074 - General Prep - Wet Chem**

**Blank (B222074-BLK1)**

Prepared & Analyzed: 08/01/22

Total Dissolved Solids	ND	10.0	mg/L							
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**Reference (B222074-SRM1)**

Prepared & Analyzed: 08/01/22

Total Dissolved Solids	410	10.0	mg/L	380		108	85-115			
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**Batch B222077 - General Prep - Wet Chem**

**Blank (B222077-BLK1)**

Prepared & Analyzed: 08/01/22

Alkalinity, Bicarbonate as CaCO <sub>3</sub>	ND	10.0	mg/L							
Alkalinity, Carbonate as CaCO <sub>3</sub>	ND	10.0	mg/L							
Alkalinity, Hydroxide as CaCO <sub>3</sub>	ND	10.0	mg/L							
Alkalinity, Total as CaCO <sub>3</sub>	ND	10.0	mg/L							

**LCS (B222077-BS1)**

Prepared & Analyzed: 08/01/22

Alkalinity, Bicarbonate as CaCO <sub>3</sub>	104	10.0	mg/L	100		104	85-115			
Alkalinity, Carbonate as CaCO <sub>3</sub>	ND	10.0	mg/L				85-115			
Alkalinity, Hydroxide as CaCO <sub>3</sub>	ND	10.0	mg/L				85-115			
Alkalinity, Total as CaCO <sub>3</sub>	104	10.0	mg/L	100		104	85-115			

**LCS Dup (B222077-BSD1)**

Prepared & Analyzed: 08/01/22

Alkalinity, Bicarbonate as CaCO <sub>3</sub>	99.0	10.0	mg/L	100		99.0	85-115	4.93	20	
Alkalinity, Carbonate as CaCO <sub>3</sub>	ND	10.0	mg/L				85-115		20	
Alkalinity, Hydroxide as CaCO <sub>3</sub>	ND	10.0	mg/L				85-115		20	
Alkalinity, Total as CaCO <sub>3</sub>	99.0	10.0	mg/L	100		99.0	85-115	4.93	20	

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Project: Rule 615  
Project Name / Number: Ignacio 34-8 #13-8  
Project Manager: Kyle Siesser

Reported:  
08/09/22 17:10

### Total Recoverable Metals by ICP (E200.7) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B222035 - Total Recoverable by ICP

##### Blank (B222035-BLK1)

Prepared: 07/27/22 Analyzed: 07/28/22

Boron	ND	0.300	mg/L
Calcium	ND	0.100	mg/L
Iron	ND	0.050	mg/L
Magnesium	ND	0.100	mg/L
Potassium	ND	1.00	mg/L
Sodium	ND	1.00	mg/L
Strontium	ND	0.100	mg/L

##### LCS (B222035-BS1)

Prepared: 07/27/22 Analyzed: 07/28/22

Boron	1.96	0.300	mg/L	2.00	98.2	85-115
Calcium	1.97	0.100	mg/L	2.00	98.7	85-115
Iron	1.92	0.050	mg/L	2.00	95.8	85-115
Magnesium	9.81	0.100	mg/L	10.0	98.1	85-115
Potassium	4.01	1.00	mg/L	4.00	100	85-115
Sodium	1.67	1.00	mg/L	1.62	103	85-115
Strontium	1.93	0.100	mg/L	2.00	96.7	85-115

##### LCS Dup (B222035-BS1)

Prepared: 07/27/22 Analyzed: 07/28/22

Boron	2.04	0.300	mg/L	2.00	102	85-115	3.70	20
Calcium	2.04	0.100	mg/L	2.00	102	85-115	3.32	20
Iron	2.00	0.050	mg/L	2.00	100	85-115	4.35	20
Magnesium	10.1	0.100	mg/L	10.0	101	85-115	2.90	20
Potassium	4.07	1.00	mg/L	4.00	102	85-115	1.59	20
Sodium	1.71	1.00	mg/L	1.62	105	85-115	2.34	20
Strontium	1.99	0.100	mg/L	2.00	99.6	85-115	2.97	20

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### Total Recoverable Metals by ICPMS (E200.8) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B222036 - Total Recoverable by ICPMS

##### Blank (B222036-BLK1)

Prepared: 07/27/22 Analyzed: 07/29/22

Barium	ND	0.0005	mg/L							
Manganese	ND	0.0020	mg/L							
Selenium	ND	0.0010	mg/L							

##### LCS (B222036-BS1)

Prepared: 07/27/22 Analyzed: 07/29/22

Barium	0.0476	0.0005	mg/L	0.0500		95.3	85-115			
Manganese	0.0495	0.0020	mg/L	0.0500		99.1	85-115			
Selenium	0.238	0.0010	mg/L	0.250		95.4	85-115			

##### LCS Dup (B222036-BSD1)

Prepared: 07/27/22 Analyzed: 07/29/22

Barium	0.0497	0.0005	mg/L	0.0500		99.3	85-115	4.17	20	
Manganese	0.0509	0.0020	mg/L	0.0500		102	85-115	2.75	20	
Selenium	0.237	0.0010	mg/L	0.250		94.7	85-115	0.642	20	

### RSK-175 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 22G0447 - EPA 3810m Headspace

##### Blank (22G0447-BLK1)

Prepared: 07/29/22 Analyzed: 08/03/22

Ethane	ND	6.15	ug/l							
Methane	ND	3.28	ug/l							
Propane	ND	9.02	ug/l							

##### LCS (22G0447-BS1)

Prepared: 07/29/22 Analyzed: 08/03/22

Ethane	1260	6.15	ug/l	1230		102	75-125			
Ethene	1210	5.74	ug/l	1150		105	75-125			
Methane	727	3.28	ug/l	656		111	75-125			

##### Duplicate (22G0447-DUP1)

Source: 2207267-01 Prepared: 07/29/22 Analyzed: 08/03/22

Ethane	1810	6.15	ug/l		1790			1.20	20	
Methane	15100	32.8	ug/l		14600			2.85	20	
Propane	703	9.02	ug/l		726			3.18	20	

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Reported:  
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### Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 2072629 - Volatiles

##### Blank (2072629-BLK1)

Prepared: 07/26/22 Analyzed: 07/28/22

Surrogate: 4-Bromofluorobenzene (PID)	0.0491		mg/L	0.0500		98.1	77.1-124			
Benzene	ND	0.001	mg/L							
Ethylbenzene	ND	0.001	mg/L							
Toluene	ND	0.001	mg/L							
Total BTEX	ND	0.006	mg/L							
Total Xylenes	ND	0.003	mg/L							

##### LCS (2072629-BS1)

Prepared: 07/26/22 Analyzed: 07/28/22

Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/L	0.0500		101	77.1-124			
Benzene	0.020	0.001	mg/L	0.0200		100	94.7-118			
Ethylbenzene	0.020	0.001	mg/L	0.0200		99.5	94-114			
m,p-Xylene	0.042	0.002	mg/L	0.0400		104	94.6-114			
o-Xylene	0.020	0.001	mg/L	0.0200		101	94.6-114			
Toluene	0.020	0.001	mg/L	0.0200		98.1	89-115			
Total Xylenes	0.062	0.003	mg/L	0.0600		103	94.6-114			

##### LCS Dup (2072629-BSD1)

Prepared: 07/26/22 Analyzed: 07/28/22

Surrogate: 4-Bromofluorobenzene (PID)	0.0482		mg/L	0.0500		96.4	77.1-124			
Benzene	0.019	0.001	mg/L	0.0200		95.3	94.7-118	5.05	3.83	QR-04
Ethylbenzene	0.019	0.001	mg/L	0.0200		93.2	94-114	6.50	3.79	BS-3, QR-04
m,p-Xylene	0.039	0.002	mg/L	0.0400		96.6	94.6-114	7.49	3.91	QR-04
o-Xylene	0.019	0.001	mg/L	0.0200		93.3	94.6-114	8.02	3.91	BS-3, QR-04
Toluene	0.019	0.001	mg/L	0.0200		93.7	89-115	4.55	3.48	QR-04
Total Xylenes	0.057	0.003	mg/L	0.0600		95.5	94.6-114	7.67	3.91	QR-04

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Rule 615  
Project Name / Number: Ignacio 34-8 #13-8  
Project Manager: Kyle Siesser

Reported:  
08/09/22 17:10

### 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 2072831 - General Prep - Organics

##### Blank (2072831-BLK2)

Prepared: 07/28/22 Analyzed: 08/01/22

Surrogate: 1-Chlorooctadecane	2.81		mg/L	5.00		56.2	39.8-162			
Surrogate: 1-Chlorooctane	3.32		mg/L	5.00		66.4	44.9-146			
DRO >C10-C28	ND	1.00	mg/L							
EXT DRO >C28-C36	ND	1.00	mg/L							
GRO C6-C10	ND	1.00	mg/L							

##### LCS (2072831-BS2)

Prepared: 07/28/22 Analyzed: 08/01/22

Surrogate: 1-Chlorooctadecane	4.31		mg/L	5.00		86.3	39.8-162			
Surrogate: 1-Chlorooctane	4.56		mg/L	5.00		91.3	44.9-146			
DRO >C10-C28	44.2	1.00	mg/L	50.0		88.4	70-121			
GRO C6-C10	43.9	1.00	mg/L	50.0		87.8	72.4-116			

##### LCS Dup (2072831-BSD2)

Prepared: 07/28/22 Analyzed: 08/01/22

Surrogate: 1-Chlorooctadecane	4.63		mg/L	5.00		92.7	39.8-162			
Surrogate: 1-Chlorooctane	4.90		mg/L	5.00		98.0	44.9-146			
DRO >C10-C28	44.8	1.00	mg/L	50.0		89.5	70-121	1.27	24.8	
GRO C6-C10	43.9	1.00	mg/L	50.0		87.8	72.4-116	0.0296	8.73	

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Rule 615  
Project Name / Number: Ignacio 34-8 #13-8  
Project Manager: Kyle Siesser

**Reported:**  
08/09/22 17:10

### Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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

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\* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.

Laboratory Sample ID: 2207-267-01

Start Date: 07/26/22

Sample Name: Ignacio 34-8 #13-8

**BART Type :****APB**

Purple

(Acid Producing Bacteria )

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	475,000	82,000	14000	4500	450	75	10	< 2	n/a	n/a
Reaction Code										

**IRB**

Red

(Iron Related Bacteria)

	07/27	07/28	07/29	07/30	07/31	08/01	08/02	08/03	08/04	08/05
Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	570,000	140,000	35,000	9000	2200	500	150	25	8	< 1
Reaction Code	A	A	A	BC	BC	BC/BR	BC/BR	BL/BR	BL/BR	BL/BR

**SLYM**

Green

(Slime Forming Bacteria)

	07/27	07/28	07/29	07/30	07/31	08/01	08/02	08/03	08/04	08/05
Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	1,750,000	440,000	67,000	13,000	2500	500	100	< 20	n/a	n/a
Reaction Code	A	A	PB	PB	PB	PB	PB	PB	PB	PB

**SRB**

Black

(Sulfate Reducing Bacteria)

	07/27	07/28	07/29	07/30	07/31	08/01	08/02	08/03	08/04	08/05
Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	2,200,000	500,000	115,000	27,000	6,000	1400	325	75	20	< 5
Reaction Code	A	A	A	A	A	BB	BB	BB	BB	BB

Aggressivity:	High	Medium	Low
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**Reaction Code Summary: APB**

Purple

**ABSENT = A****IRB**

FO - Foam

BR - Brown Ring

BG - Brown Gel

BC - Brown Clouds

GC - Green Cloudy

RC - Red Cloudy

CL - Cloudy

BL - Black

**SLYM**

DS - Dense Slime

SR - Slime Ring

CL - Cloudy

CP - Cloudy Layered Plates

PB - Pale Blue Glowing

BL - Blackened Liquid

TH - Thread Like Strands

**SRB**

BB - Black Base

BT - Black Ball/Top

BT/BB - Black Top &amp; Base

Cloudy

\*n/a - Not Aggressive

+

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January 2015

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