



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

29 June 2022

Sam Bollinger
Ogris Operating, LLC
21603 State Hwy 12
Trinidad, CO 81082
RE: Rule 909.j

Enclosed are the results of analyses for samples received by the laboratory on 05/27/22 11:00. 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'.

Jeremy D Allen For Brenna Kampf
Project Manager

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



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
HR 10-14V	2205339-01	Water	05/26/22 10:36	05/27/22 11:00	
HR 05-06R	2205339-02	Water	05/26/22 11:00	05/27/22 11:00	
HR 31-02	2205339-03	Water	05/26/22 11:14	05/27/22 11:00	
HR 31-08	2205339-04	Water	05/26/22 11:30	05/27/22 11:00	
HR 32-15V	2205339-05	Water	05/26/22 11:41	05/27/22 11:00	

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

HR 10-14V

2205339-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

Alkalinity, Bicarbonate as CaCO3*	1210	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	180	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Total as CaCO3*	1390	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Bromide	0.780	0.200	0.0548	mg/L	2	06/06/22 21:26	EPA300.0		AES
Chloride*	77.5	2.00	0.0608	mg/L	2	06/06/22 21:26	EPA300.0		AES
Conductivity*	2550	1.00		umho/cm @ 25.0°C	1	05/27/22 16:00	2510 B		VJW
Fluoride*	3.66	0.200	0.0194	mg/L	2	06/06/22 21:26	EPA300.0		AES
Nitrate/Nitrite as N*	<0.020	0.020	0.012	mg/L as N	1	06/06/22 10:15	EPA353.2		AES
pH*	8.37			pH Units	1	05/27/22 16:00	EPA150.1		VJW
pH Temperature, degrees C	19.9			pH Units	1	05/27/22 16:00	EPA150.1		VJW
Phosphorus, Total	0.0575	0.0500	0.0164	mg P/L	1	06/06/22 15:27	EPA365.1		AES
Total Dissolved Solids*	1530	10.0		mg/L	1	06/02/22 17:40	EPA160.1		VJW
Total Suspended Solids*	7.23	2.50		mg/L	1	06/02/22 16:20	2540 D		VJW
Sulfate*	<2.00	2.00	0.248	mg/L	2	06/06/22 21:26	EPA300.0		AES

Total Recoverable Metals by ICP (E200.7)

Boron	<0.600	0.600	0.186	mg/L	2	06/02/22 16:30	EPA200.7		AES
Calcium*	2.42	0.200	0.077	mg/L	2	06/02/22 16:30	EPA200.7		AES
Hardness as CaCO3	11.0	1.32	0.436	mg/L	2	06/02/22 16:30	2340 B		AES
Iron*	0.877	0.100	0.075	mg/L	2	06/02/22 16:30	EPA200.7		AES
Magnesium*	1.20	0.200	0.059	mg/L	2	06/02/22 16:30	EPA200.7		AES
Potassium*	2.50	2.00	0.355	mg/L	2	06/02/22 16:30	EPA200.7		AES
Sodium*	623	2.00	0.152	mg/L	2	06/02/22 16:30	EPA200.7		AES
Strontium*	0.594	0.200	0.036	mg/L	2	06/02/22 16:30	EPA200.7		AES

Total Recoverable Metals by ICPMS (E200.8)

Barium*	0.592	0.0010	0.0006	mg/L	2	06/02/22 13:56	EPA200.8		AES
Manganese*	0.0264	0.0040	0.0004	mg/L	2	06/02/22 13:56	EPA200.8		AES
Selenium*	<0.0020	0.0020	0.0014	mg/L	2	06/02/22 13:56	EPA200.8		AES

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC 21603 State Hwy 12 Trinidad CO, 81082	Project: Rule 909.j Project Name / Number: Rule 909.j Project Manager: Sam Bollinger	Reported: 06/29/22 14:07
--	--	-----------------------------

HR 10-14V

2205339-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00	1.00	0.295	mg/L	0.1	06/03/22 21:23	8015B		MS
DRO >C10-C28*	<1.00	1.00	0.670	mg/L	0.1	06/03/22 21:23	8015B		MS
EXT DRO >C28-C36	<1.00	1.00	0.670	mg/L	0.1	06/03/22 21:23	8015B		MS
Surrogate: 1-Chlorooctane			78.9 %	44.9-146		06/03/22 21:23	8015B		MS
Surrogate: 1-Chlorooctadecane			87.8 %	39.8-162		06/03/22 21:23	8015B		MS

VOLATILES BY GC/MS

Benzene*	<0.0005	0.0005	0.00009	mg/L	1	06/03/22 15:08	8260B		MS
Toluene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 15:08	8260B		MS
Ethylbenzene*	<0.0005	0.0005	0.00009	mg/L	1	06/03/22 15:08	8260B		MS
m+p - Xylene*	<0.001	0.001	0.0005	mg/L	1	06/03/22 15:08	8260B		MS
o-Xylene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 15:08	8260B		MS
Total Xylenes*	<0.002	0.002	0.0005	mg/L	1	06/03/22 15:08	8260B		MS
Naphthalene*	<0.0005	0.0005	0.00004	mg/L	1	06/03/22 15:08	8260B		MS
Surrogate: Dibromofluoromethane			101 %	82.4-141		06/03/22 15:08	8260B		MS
Surrogate: Toluene-d8			99.9 %	87.1-110		06/03/22 15:08	8260B		MS
Surrogate: 4-Bromofluorobenzene			98.2 %	76.4-114		06/03/22 15:08	8260B		MS

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

HR 05-06R

2205339-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

Alkalinity, Bicarbonate as CaCO3*	865	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	180	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Total as CaCO3*	1050	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Bromide	0.824	0.200	0.0548	mg/L	2	06/06/22 21:46	EPA300.0		AES
Chloride*	108	4.00	0.122	mg/L	4	06/07/22 10:32	EPA300.0		AES
Conductivity*	2090	1.00		umho/cm @ 25.0°C	1	05/27/22 16:00	2510 B		VJW
Fluoride*	5.46	0.200	0.0194	mg/L	2	06/06/22 21:46	EPA300.0		AES
Nitrate/Nitrite as N*	<0.020	0.020	0.012	mg/L as N	1	06/06/22 10:17	EPA353.2		AES
pH*	8.30			pH Units	1	05/27/22 16:00	EPA150.1		VJW
pH Temperature, degrees C	18.5			pH Units	1	05/27/22 16:00	EPA150.1		VJW
Phosphorus, Total	<0.0500	0.0500	0.0164	mg P/L	1	06/06/22 15:28	EPA365.1		AES
Total Dissolved Solids*	1240	10.0		mg/L	1	06/02/22 17:40	EPA160.1		VJW
Total Suspended Solids*	<2.50	2.50		mg/L	1	06/02/22 16:20	2540 D		VJW
Sulfate*	<2.00	2.00	0.248	mg/L	2	06/06/22 21:46	EPA300.0		AES

Total Recoverable Metals by ICP (E200.7)

Boron	0.929	0.600	0.186	mg/L	2	06/02/22 16:34	EPA200.7		AES
Calcium*	2.35	0.200	0.077	mg/L	2	06/02/22 16:34	EPA200.7		AES
Hardness as CaCO3	7.76	1.32	0.436	mg/L	2	06/02/22 16:34	2340 B		AES
Iron*	2.21	0.100	0.075	mg/L	2	06/02/22 16:34	EPA200.7		AES
Magnesium*	0.461	0.200	0.059	mg/L	2	06/02/22 16:34	EPA200.7		AES
Potassium*	<2.00	2.00	0.355	mg/L	2	06/02/22 16:34	EPA200.7		AES
Sodium*	509	2.00	0.152	mg/L	2	06/02/22 16:34	EPA200.7		AES
Strontium*	0.440	0.200	0.036	mg/L	2	06/02/22 16:34	EPA200.7		AES

Total Recoverable Metals by ICPMS (E200.8)

Barium*	0.450	0.0010	0.0006	mg/L	2	06/02/22 13:57	EPA200.8		AES
Manganese*	0.0353	0.0040	0.0004	mg/L	2	06/02/22 13:57	EPA200.8		AES
Selenium*	<0.0020	0.0020	0.0014	mg/L	2	06/02/22 13:57	EPA200.8		AES

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC 21603 State Hwy 12 Trinidad CO, 81082	Project: Rule 909.j Project Name / Number: Rule 909.j Project Manager: Sam Bollinger	Reported: 06/29/22 14:07
--	--	-----------------------------

HR 05-06R

2205339-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00	1.00	0.295	mg/L	0.1	06/03/22 21:44	8015B		MS
DRO >C10-C28*	<1.00	1.00	0.670	mg/L	0.1	06/03/22 21:44	8015B		MS
EXT DRO >C28-C36	<1.00	1.00	0.670	mg/L	0.1	06/03/22 21:44	8015B		MS
Surrogate: 1-Chlorooctane			78.9 %	44.9-146		06/03/22 21:44	8015B		MS
Surrogate: 1-Chlorooctadecane			88.2 %	39.8-162		06/03/22 21:44	8015B		MS

VOLATILES BY GC/MS

Benzene*	0.002	0.0005	0.00009	mg/L	1	06/03/22 15:31	8260B		MS
Toluene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 15:31	8260B		MS
Ethylbenzene*	<0.0005	0.0005	0.00009	mg/L	1	06/03/22 15:31	8260B		MS
m+p - Xylene*	<0.001	0.001	0.0005	mg/L	1	06/03/22 15:31	8260B		MS
o-Xylene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 15:31	8260B		MS
Total Xylenes*	<0.002	0.002	0.0005	mg/L	1	06/03/22 15:31	8260B		MS
Naphthalene*	0.0008	0.0005	0.00004	mg/L	1	06/03/22 15:31	8260B		MS
Surrogate: Dibromofluoromethane			103 %	82.4-141		06/03/22 15:31	8260B		MS
Surrogate: Toluene-d8			101 %	87.1-110		06/03/22 15:31	8260B		MS
Surrogate: 4-Bromofluorobenzene			98.3 %	76.4-114		06/03/22 15:31	8260B		MS

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

HR 31-02

2205339-03 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

Alkalinity, Bicarbonate as CaCO3*	745	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	180	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Total as CaCO3*	925	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Bromide	0.498	0.200	0.0548	mg/L	2	06/06/22 22:05	EPA300.0		AES
Chloride*	61.6	2.00	0.0608	mg/L	2	06/06/22 22:05	EPA300.0		AES
Conductivity*	1740	1.00		umho/cm @ 25.0°C	1	05/27/22 16:00	2510 B		VJW
Fluoride*	4.05	0.200	0.0194	mg/L	2	06/06/22 22:05	EPA300.0		AES
Nitrate/Nitrite as N*	<0.020	0.020	0.012	mg/L as N	1	06/06/22 10:18	EPA353.2		AES
pH*	8.45			pH Units	1	05/27/22 16:00	EPA150.1		VJW
pH Temperature, degrees C	18.4			pH Units	1	05/27/22 16:00	EPA150.1		VJW
Phosphorus, Total	0.0587	0.0500	0.0164	mg P/L	1	06/06/22 15:28	EPA365.1		AES
Total Dissolved Solids*	1040	10.0		mg/L	1	06/02/22 17:40	EPA160.1		VJW
Total Suspended Solids*	<2.50	2.50		mg/L	1	06/02/22 16:20	2540 D		VJW
Sulfate*	<2.00	2.00	0.248	mg/L	2	06/06/22 22:05	EPA300.0		AES

Total Recoverable Metals by ICP (E200.7)

Boron	0.612	0.300	0.093	mg/L	1	06/02/22 16:38	EPA200.7		AES
Calcium*	3.09	0.100	0.038	mg/L	1	06/02/22 16:38	EPA200.7		AES
Hardness as CaCO3	8.68	0.662	0.218	mg/L	1	06/02/22 16:38	2340 B		AES
Iron*	0.489	0.050	0.038	mg/L	1	06/02/22 16:38	EPA200.7		AES
Magnesium*	0.232	0.100	0.030	mg/L	1	06/02/22 16:38	EPA200.7		AES
Potassium*	1.37	1.00	0.178	mg/L	1	06/02/22 16:38	EPA200.7		AES
Sodium*	397	5.00	0.380	mg/L	5	06/03/22 14:53	EPA200.7		AES
Strontium*	0.444	0.100	0.018	mg/L	1	06/02/22 16:38	EPA200.7		AES

Total Recoverable Metals by ICPMS (E200.8)

Barium*	0.193	0.0005	0.0003	mg/L	1	06/02/22 13:59	EPA200.8		AES
Manganese*	0.0079	0.0020	0.0002	mg/L	1	06/02/22 13:59	EPA200.8		AES
Selenium*	<0.0010	0.0010	0.0007	mg/L	1	06/02/22 13:59	EPA200.8		AES

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC 21603 State Hwy 12 Trinidad CO, 81082	Project: Rule 909.j Project Name / Number: Rule 909.j Project Manager: Sam Bollinger	Reported: 06/29/22 14:07
--	--	-----------------------------

HR 31-02

2205339-03 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00	1.00	0.295	mg/L	0.1	06/03/22 22:04	8015B		MS
DRO >C10-C28*	<1.00	1.00	0.670	mg/L	0.1	06/03/22 22:04	8015B		MS
EXT DRO >C28-C36	<1.00	1.00	0.670	mg/L	0.1	06/03/22 22:04	8015B		MS
Surrogate: 1-Chlorooctane			76.9 %	44.9-146		06/03/22 22:04	8015B		MS
Surrogate: 1-Chlorooctadecane			86.8 %	39.8-162		06/03/22 22:04	8015B		MS

VOLATILES BY GC/MS

Benzene*	<0.0005	0.0005	0.00009	mg/L	1	06/03/22 15:54	8260B		MS
Toluene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 15:54	8260B		MS
Ethylbenzene*	<0.0005	0.0005	0.00009	mg/L	1	06/03/22 15:54	8260B		MS
m+p - Xylene*	<0.001	0.001	0.0005	mg/L	1	06/03/22 15:54	8260B		MS
o-Xylene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 15:54	8260B		MS
Total Xylenes*	<0.002	0.002	0.0005	mg/L	1	06/03/22 15:54	8260B		MS
Naphthalene*	0.001	0.0005	0.00004	mg/L	1	06/03/22 15:54	8260B		MS
Surrogate: Dibromofluoromethane			102 %	82.4-141		06/03/22 15:54	8260B		MS
Surrogate: Toluene-d8			100 %	87.1-110		06/03/22 15:54	8260B		MS
Surrogate: 4-Bromofluorobenzene			98.0 %	76.4-114		06/03/22 15:54	8260B		MS

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

HR 31-08

2205339-04 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

Alkalinity, Bicarbonate as CaCO3*	695	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	110	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Total as CaCO3*	805	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Bromide	0.416	0.200	0.0548	mg/L	2	06/06/22 22:25	EPA300.0		AES
Chloride*	40.8	2.00	0.0608	mg/L	2	06/06/22 22:25	EPA300.0		AES
Conductivity*	1520	1.00		umho/cm @ 25.0°C	1	05/27/22 16:00	2510 B		VJW
Fluoride*	2.54	0.200	0.0194	mg/L	2	06/06/22 22:25	EPA300.0		AES
Nitrate/Nitrite as N*	<0.020	0.020	0.012	mg/L as N	1	06/06/22 10:19	EPA353.2		AES
pH*	8.60			pH Units	1	05/27/22 16:00	EPA150.1		VJW
pH Temperature, degrees C	19.0			pH Units	1	05/27/22 16:00	EPA150.1		VJW
Phosphorus, Total	0.200	0.0500	0.0164	mg P/L	1	06/06/22 15:29	EPA365.1		AES
Total Dissolved Solids*	925	10.0		mg/L	1	06/02/22 17:40	EPA160.1		VJW
Total Suspended Solids*	49.2	2.50		mg/L	1	06/02/22 16:20	2540 D		VJW
Sulfate*	<2.00	2.00	0.248	mg/L	2	06/06/22 22:25	EPA300.0		AES

Total Recoverable Metals by ICP (E200.7)

Boron	<0.300	0.300	0.093	mg/L	1	06/02/22 16:43	EPA200.7		AES
Calcium*	4.19	0.100	0.038	mg/L	1	06/02/22 16:43	EPA200.7		AES
Hardness as CaCO3	12.7	0.662	0.218	mg/L	1	06/02/22 16:43	2340 B		AES
Iron*	28.0	0.050	0.038	mg/L	1	06/02/22 16:43	EPA200.7		AES
Magnesium*	0.541	0.100	0.030	mg/L	1	06/02/22 16:43	EPA200.7		AES
Potassium*	1.58	1.00	0.178	mg/L	1	06/02/22 16:43	EPA200.7		AES
Sodium*	373	1.00	0.076	mg/L	1	06/02/22 16:43	EPA200.7		AES
Strontium*	0.262	0.100	0.018	mg/L	1	06/02/22 16:43	EPA200.7		AES

Total Recoverable Metals by ICPMS (E200.8)

Barium*	0.341	0.0005	0.0003	mg/L	1	06/02/22 14:03	EPA200.8		AES
Manganese*	0.332	0.0020	0.0002	mg/L	1	06/02/22 14:03	EPA200.8		AES
Selenium*	<0.0010	0.0010	0.0007	mg/L	1	06/02/22 14:03	EPA200.8		AES

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC 21603 State Hwy 12 Trinidad CO, 81082	Project: Rule 909.j Project Name / Number: Rule 909.j Project Manager: Sam Bollinger	Reported: 06/29/22 14:07
--	--	-----------------------------

HR 31-08

2205339-04 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00	1.00	0.295	mg/L	0.1	06/06/22 13:21	8015B		MS
DRO >C10-C28*	2.78	1.00	0.670	mg/L	0.1	06/06/22 13:21	8015B		MS
EXT DRO >C28-C36	<1.00	1.00	0.670	mg/L	0.1	06/06/22 13:21	8015B		MS
Surrogate: 1-Chlorooctane			74.8 %	44.9-146		06/06/22 13:21	8015B		MS
Surrogate: 1-Chlorooctadecane			84.2 %	39.8-162		06/06/22 13:21	8015B		MS

VOLATILES BY GC/MS

Benzene*	<0.0005	0.0005	0.00009	mg/L	1	06/03/22 16:17	8260B		MS
Toluene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 16:17	8260B		MS
Ethylbenzene*	<0.0005	0.0005	0.00009	mg/L	1	06/03/22 16:17	8260B		MS
m+p - Xylene*	<0.001	0.001	0.0005	mg/L	1	06/03/22 16:17	8260B		MS
o-Xylene*	<0.0005	0.0005	0.00007	mg/L	1	06/03/22 16:17	8260B		MS
Total Xylenes*	<0.002	0.002	0.0005	mg/L	1	06/03/22 16:17	8260B		MS
Naphthalene*	0.001	0.0005	0.00004	mg/L	1	06/03/22 16:17	8260B		MS
Surrogate: Dibromofluoromethane			103 %	82.4-141		06/03/22 16:17	8260B		MS
Surrogate: Toluene-d8			99.8 %	87.1-110		06/03/22 16:17	8260B		MS
Surrogate: 4-Bromofluorobenzene			98.0 %	76.4-114		06/03/22 16:17	8260B		MS

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

HR 32-15V

2205339-05 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

Alkalinity, Bicarbonate as CaCO3*	870	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	90.0	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Alkalinity, Total as CaCO3*	960	10.0	2.27	mg/L	5	06/08/22 15:50	2320 B		VJW
Bromide	2.17	0.200	0.0548	mg/L	2	06/06/22 22:44	EPA300.0		AES
Chloride*	264	10.0	0.304	mg/L	10	06/07/22 10:51	EPA300.0		AES
Conductivity*	2460	1.00		umho/cm @ 25.0°C	1	05/27/22 16:00	2510 B		VJW
Fluoride*	2.82	0.200	0.0194	mg/L	2	06/06/22 22:44	EPA300.0		AES
Nitrate/Nitrite as N*	<0.020	0.020	0.012	mg/L as N	1	06/06/22 10:20	EPA353.2		AES
pH*	7.78			pH Units	1	05/27/22 16:00	EPA150.1		VJW
pH Temperature, degrees C	19.7			pH Units	1	05/27/22 16:00	EPA150.1		VJW
Phosphorus, Total	0.0974	0.0500	0.0164	mg P/L	1	06/06/22 15:30	EPA365.1		AES
Total Dissolved Solids*	1470	10.0		mg/L	1	06/02/22 17:40	EPA160.1		VJW
Total Suspended Solids*	<2.50	2.50		mg/L	1	06/02/22 16:20	2540 D		VJW
Sulfate*	<2.00	2.00	0.248	mg/L	2	06/06/22 22:44	EPA300.0		AES

Total Recoverable Metals by ICP (E200.7)

Boron	0.661	0.600	0.186	mg/L	2	06/08/22 15:24	EPA200.7		AES
Calcium*	6.22	0.200	0.077	mg/L	2	06/08/22 15:24	EPA200.7		AES
Hardness as CaCO3	18.4	1.32	0.436	mg/L	2	06/08/22 15:24	2340 B		AES
Iron*	2.28	0.100	0.075	mg/L	2	06/08/22 15:24	EPA200.7		AES
Magnesium*	0.690	0.200	0.059	mg/L	2	06/08/22 15:24	EPA200.7		AES
Potassium*	<2.00	2.00	0.355	mg/L	2	06/08/22 15:24	EPA200.7		AES
Sodium*	545	2.00	0.152	mg/L	2	06/08/22 15:24	EPA200.7		AES
Strontium*	0.751	0.200	0.036	mg/L	2	06/08/22 15:24	EPA200.7		AES

Total Recoverable Metals by ICPMS (E200.8)

Barium*	0.344	0.0010	0.0006	mg/L	2	06/08/22 15:50	EPA200.8		AES
Manganese*	0.0265	0.0040	0.0004	mg/L	2	06/08/22 15:50	EPA200.8		AES
Selenium*	0.0071	0.0020	0.0014	mg/L	2	06/08/22 15:50	EPA200.8		AES

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC 21603 State Hwy 12 Trinidad CO, 81082	Project: Rule 909.j Project Name / Number: Rule 909.j Project Manager: Sam Bollinger	Reported: 06/29/22 14:07
--	--	-----------------------------

HR 32-15V

2205339-05 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

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

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<1.00	1.00	0.295	mg/L	0.1	06/06/22 13:45	8015B		MS
DRO >C10-C28*	<1.00	1.00	0.670	mg/L	0.1	06/06/22 13:45	8015B		MS
EXT DRO >C28-C36	<1.00	1.00	0.670	mg/L	0.1	06/06/22 13:45	8015B		MS
Surrogate: 1-Chlorooctane			75.1 %	44.9-146		06/06/22 13:45	8015B		MS
Surrogate: 1-Chlorooctadecane			84.3 %	39.8-162		06/06/22 13:45	8015B		MS

VOLATILES BY GC/MS

Benzene*	<0.0005	0.0005	0.00009	mg/L	1	06/06/22 11:46	8260B		MS
Toluene*	<0.0005	0.0005	0.00007	mg/L	1	06/06/22 11:46	8260B		MS
Ethylbenzene*	<0.0005	0.0005	0.00009	mg/L	1	06/06/22 11:46	8260B		MS
m+p - Xylene*	0.001	0.001	0.0005	mg/L	1	06/06/22 11:46	8260B		MS
o-Xylene*	<0.0005	0.0005	0.00007	mg/L	1	06/06/22 11:46	8260B		MS
Total Xylenes*	<0.002	0.002	0.0005	mg/L	1	06/06/22 11:46	8260B		MS
Naphthalene*	0.0007	0.0005	0.00004	mg/L	1	06/06/22 11:46	8260B		MS
Surrogate: Dibromofluoromethane			103 %	82.4-141		06/06/22 11:46	8260B		MS
Surrogate: Toluene-d8			97.8 %	87.1-110		06/06/22 11:46	8260B		MS
Surrogate: 4-Bromofluorobenzene			98.5 %	76.4-114		06/06/22 11:46	8260B		MS

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC 21603 State Hwy 12 Trinidad CO, 81082	Project: Rule 909.j Project Name / Number: Rule 909.j Project Manager: Sam Bollinger	Reported: 06/29/22 14:07
--	--	-----------------------------

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B221415 - General Prep - Wet Chem										
Reference (B221415-SRM1) Prepared & Analyzed: 05/27/22										
pH	7.00		pH Units	7.00		100	98.57-101.42			
Batch B221417 - General Prep - Wet Chem										
Reference (B221417-SRM1) Prepared & Analyzed: 05/27/22										
Conductivity	503	1.00	umho/cm @ 25.0°C	503		100	90-110			
Batch B221438 - General Prep - Wet Chem										
Blank (B221438-BLK1) Prepared: 06/01/22 Analyzed: 06/02/22										
Total Suspended Solids	ND	2.50	mg/L							
Reference (B221438-SRM1) Prepared: 06/01/22 Analyzed: 06/02/22										
Total Suspended Solids	103	2.50	mg/L	100		103	85-115			
Batch B221448 - General Prep - Wet Chem										
Blank (B221448-BLK1) Prepared & Analyzed: 06/02/22										
Total Dissolved Solids	ND	10.0	mg/L							
Reference (B221448-SRM1) Prepared & Analyzed: 06/02/22										
Total Dissolved Solids	370	10.0	mg/L	380		97.4	85-115			
Batch B221465 - Lachat										
Blank (B221465-BLK1) Prepared & Analyzed: 06/06/22										
Nitrate/Nitrite as N	ND	0.020	mg/L as N							
LCS (B221465-BS1) Prepared & Analyzed: 06/06/22										
Nitrate/Nitrite as N	1.03	0.020	mg/L as N	1.00		103	90-110			
LCS Dup (B221465-BSD1) Prepared & Analyzed: 06/06/22										
Nitrate/Nitrite as N	1.04	0.020	mg/L as N	1.00		104	90-110	0.126	20	
Batch B221468 - Lachat										
Blank (B221468-BLK1) Prepared & Analyzed: 06/06/22										
Phosphorus, Total	ND	0.0500	mg P/L							
LCS (B221468-BS1) Prepared & Analyzed: 06/06/22										

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

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

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

Batch B221468 - Lachat (Continued)

LCS (B221468-BS1) (Continued)

Prepared & Analyzed: 06/06/22

Phosphorus, Total	2.65	0.0500	mg P/L	2.50		106	90-110			
-------------------	------	--------	--------	------	--	-----	--------	--	--	--

LCS Dup (B221468-BS1)

Prepared & Analyzed: 06/06/22

Phosphorus, Total	2.65	0.0500	mg P/L	2.50		106	90-110	0.325	20	
-------------------	------	--------	--------	------	--	-----	--------	-------	----	--

Batch B221480 - IC- Ion Chromatograph

Blank (B221480-BLK1)

Prepared & Analyzed: 06/06/22

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 (B221480-BS1)

Prepared & Analyzed: 06/06/22

Bromide	2.43	0.100	mg/L	2.50		97.1	90-110			
Chloride	24.9	1.00	mg/L	25.0		99.6	90-110			
Fluoride	2.49	0.100	mg/L	2.50		99.7	90-110			
Sulfate	26.2	1.00	mg/L	25.0		105	90-110			

LCS Dup (B221480-BS1)

Prepared & Analyzed: 06/06/22

Bromide	2.44	0.100	mg/L	2.50		97.6	90-110	0.493	20	
Chloride	25.0	1.00	mg/L	25.0		99.9	90-110	0.381	20	
Fluoride	2.51	0.100	mg/L	2.50		100	90-110	0.759	20	
Sulfate	26.5	1.00	mg/L	25.0		106	90-110	0.938	20	

Batch B221500 - General Prep - Wet Chem

Blank (B221500-BLK1)

Prepared & Analyzed: 06/08/22

Alkalinity, Bicarbonate as CaCO3	ND	10.0	mg/L							
Alkalinity, Carbonate as CaCO3	ND	10.0	mg/L							
Alkalinity, Hydroxide as CaCO3	ND	10.0	mg/L							
Alkalinity, Total as CaCO3	ND	10.0	mg/L							

LCS (B221500-BS1)

Prepared & Analyzed: 06/08/22

Alkalinity, Bicarbonate as CaCO3	103	10.0	mg/L	100		103	85-115			
Alkalinity, Carbonate as CaCO3	ND	10.0	mg/L				85-115			
Alkalinity, Hydroxide as CaCO3	ND	10.0	mg/L				85-115			
Alkalinity, Total as CaCO3	103	10.0	mg/L	100		103	85-115			

LCS Dup (B221500-BS1)

Prepared & Analyzed: 06/08/22

Alkalinity, Bicarbonate as CaCO3	103	10.0	mg/L	100		103	85-115	0.00	20	
Alkalinity, Carbonate as CaCO3	ND	10.0	mg/L				85-115		20	

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

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

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

Batch B221500 - General Prep - Wet Chem (Continued)

LCS Dup (B221500-BSD1) (Continued)

Prepared & Analyzed: 06/08/22

Alkalinity, Hydroxide as CaCO3	ND	10.0	mg/L				85-115		20	
Alkalinity, Total as CaCO3	103	10.0	mg/L	100		103	85-115	0.00	20	

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
 21603 State Hwy 12
 Trinidad CO, 81082

Project: Rule 909.j
 Project Name / Number: Rule 909.j
 Project Manager: Sam Bollinger

Reported:
 06/29/22 14:07

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B221421 - Total Recoverable by ICP

Blank (B221421-BLK1)

Prepared: 06/01/22 Analyzed: 06/02/22

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 (B221421-BS1)

Prepared: 06/01/22 Analyzed: 06/02/22

Boron	2.04	0.300	mg/L	2.00		102	85-115			
Calcium	2.08	0.100	mg/L	2.00		104	85-115			
Iron	2.03	0.050	mg/L	2.00		101	85-115			
Magnesium	10.4	0.100	mg/L	10.0		104	85-115			
Potassium	4.05	1.00	mg/L	4.00		101	85-115			
Sodium	1.77	1.00	mg/L	1.62		109	85-115			
Strontium	2.03	0.100	mg/L	2.00		101	85-115			

LCS Dup (B221421-BSD1)

Prepared: 06/01/22 Analyzed: 06/02/22

Boron	2.04	0.300	mg/L	2.00		102	85-115	0.0640	20	
Calcium	2.06	0.100	mg/L	2.00		103	85-115	1.05	20	
Iron	2.00	0.050	mg/L	2.00		99.9	85-115	1.55	20	
Magnesium	10.3	0.100	mg/L	10.0		103	85-115	1.33	20	
Potassium	4.19	1.00	mg/L	4.00		105	85-115	3.53	20	
Sodium	1.74	1.00	mg/L	1.62		108	85-115	1.62	20	
Strontium	2.03	0.100	mg/L	2.00		102	85-115	0.0335	20	

Batch B221472 - Total Recoverable by ICP

Blank (B221472-BLK1)

Prepared: 06/06/22 Analyzed: 06/08/22

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 (B221472-BS1)

Prepared: 06/06/22 Analyzed: 06/08/22

Boron	2.05	0.300	mg/L	2.00		102	85-115			
Calcium	2.10	0.100	mg/L	2.00		105	85-115			
Iron	2.13	0.050	mg/L	2.00		107	85-115			

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
 21603 State Hwy 12
 Trinidad CO, 81082

Project: Rule 909.j
 Project Name / Number: Rule 909.j
 Project Manager: Sam Bollinger

Reported:
 06/29/22 14:07

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

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

Batch B221472 - Total Recoverable by ICP (Continued)

LCS (B221472-BS1) (Continued)

Prepared: 06/06/22 Analyzed: 06/08/22

Magnesium	10.5	0.100	mg/L	10.0		105	85-115			
Potassium	4.25	1.00	mg/L	4.00		106	85-115			
Sodium	1.79	1.00	mg/L	1.62		111	85-115			
Strontium	2.07	0.100	mg/L	2.00		104	85-115			

LCS Dup (B221472-BS1)

Prepared: 06/06/22 Analyzed: 06/08/22

Boron	2.03	0.300	mg/L	2.00		101	85-115	0.921	20	
Calcium	2.05	0.100	mg/L	2.00		103	85-115	2.20	20	
Iron	2.10	0.050	mg/L	2.00		105	85-115	1.40	20	
Magnesium	10.3	0.100	mg/L	10.0		103	85-115	1.78	20	
Potassium	4.25	1.00	mg/L	4.00		106	85-115	0.174	20	
Sodium	1.86	1.00	mg/L	1.62		115	85-115	3.75	20	
Strontium	2.05	0.100	mg/L	2.00		102	85-115	1.22	20	

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B221422 - Total Recoverable by ICPMS

Blank (B221422-BLK1)

Prepared: 06/01/22 Analyzed: 06/02/22

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

LCS (B221422-BS1)

Prepared: 06/01/22 Analyzed: 06/02/22

Barium	0.0506	0.0005	mg/L	0.0500		101	85-115			
Manganese	0.0494	0.0020	mg/L	0.0500		98.8	85-115			
Selenium	0.255	0.0010	mg/L	0.250		102	85-115			

LCS Dup (B221422-BSD1)

Prepared: 06/01/22 Analyzed: 06/02/22

Barium	0.0512	0.0005	mg/L	0.0500		102	85-115	1.20	20	
Manganese	0.0501	0.0020	mg/L	0.0500		100	85-115	1.39	20	
Selenium	0.254	0.0010	mg/L	0.250		102	85-115	0.459	20	

Batch B221473 - Total Recoverable by ICPMS

Blank (B221473-BLK1)

Prepared: 06/06/22 Analyzed: 06/08/22

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

LCS (B221473-BS1)

Prepared: 06/06/22 Analyzed: 06/08/22

Barium	0.0512	0.0005	mg/L	0.0500		102	85-115			
Manganese	0.0541	0.0020	mg/L	0.0500		108	85-115			
Selenium	0.261	0.0010	mg/L	0.250		104	85-115			

LCS Dup (B221473-BSD1)

Prepared: 06/06/22 Analyzed: 06/08/22

Barium	0.0509	0.0005	mg/L	0.0500		102	85-115	0.565	20	
Manganese	0.0540	0.0020	mg/L	0.0500		108	85-115	0.194	20	
Selenium	0.259	0.0010	mg/L	0.250		104	85-115	0.628	20	

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

Petroleum Hydrocarbons by GC FID - Quality Control

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

Batch 2060216 - General Prep - Organics

Blank (2060216-BLK1)

Prepared: 06/02/22 Analyzed: 06/03/22

Surrogate: 1-Chlorooctadecane	4.24		mg/L	5.00		84.8	39.8-162			
Surrogate: 1-Chlorooctane	3.54		mg/L	5.00		70.9	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 (2060216-BS1)

Prepared: 06/02/22 Analyzed: 06/03/22

Surrogate: 1-Chlorooctadecane	64.3		mg/L	5.00		NR	39.8-162			
Surrogate: 1-Chlorooctane	50.4		mg/L	5.00		NR	44.9-146			
DRO >C10-C28	453	10.0	mg/L	50.0		905	70-121			
GRO C6-C10	449	10.0	mg/L	50.0		899	72.4-116			

LCS Dup (2060216-BSD1)

Prepared: 06/02/22 Analyzed: 06/03/22

Surrogate: 1-Chlorooctadecane	6.20		mg/L	5.00		124	39.8-162			
Surrogate: 1-Chlorooctane	4.76		mg/L	5.00		95.3	44.9-146			
DRO >C10-C28	44.6	1.00	mg/L	50.0		89.3	70-121	164	24.8	
GRO C6-C10	44.5	1.00	mg/L	50.0		89.0	72.4-116	164	8.73	

Batch 2060319 - General Prep - Organics

Blank (2060319-BLK1)

Prepared: 06/03/22 Analyzed: 06/06/22

Surrogate: 1-Chlorooctadecane	4.31		mg/L	5.00		86.2	39.8-162			
Surrogate: 1-Chlorooctane	3.81		mg/L	5.00		76.2	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 (2060319-BS1)

Prepared: 06/03/22 Analyzed: 06/06/22

Surrogate: 1-Chlorooctadecane	5.62		mg/L	5.00		112	39.8-162			
Surrogate: 1-Chlorooctane	5.29		mg/L	5.00		106	44.9-146			
DRO >C10-C28	44.8	1.00	mg/L	50.0		89.5	70-121			
GRO C6-C10	43.6	1.00	mg/L	50.0		87.3	72.4-116			

LCS Dup (2060319-BSD1)

Prepared: 06/03/22 Analyzed: 06/06/22

Surrogate: 1-Chlorooctadecane	5.84		mg/L	5.00		117	39.8-162			
Surrogate: 1-Chlorooctane	5.48		mg/L	5.00		110	44.9-146			
DRO >C10-C28	46.6	1.00	mg/L	50.0		93.2	70-121	4.04	24.8	
GRO C6-C10	45.8	1.00	mg/L	50.0		91.6	72.4-116	4.87	8.73	

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC 21603 State Hwy 12 Trinidad CO, 81082	Project: Rule 909.j Project Name / Number: Rule 909.j Project Manager: Sam Bollinger	Reported: 06/29/22 14:07
--	--	-----------------------------

**Petroleum Hydrocarbons by GC FID - Quality Control
(Continued)**

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

Batch 2060319 - General Prep - Organics (Continued)

Matrix Spike (2060319-MS1)

Source: 2205339-04 Prepared: 06/03/22 Analyzed: 06/06/22

Surrogate: 1-Chlorooctadecane	6.08		mg/L	5.00		122	39.8-162			
Surrogate: 1-Chlorooctane	5.40		mg/L	5.00		108	44.9-146			
DRO >C10-C28	48.7	1.00	mg/L	50.0	2.78	91.8	62.3-134			
GRO C6-C10	44.9	1.00	mg/L	50.0	ND	89.8	71.4-123			

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

VOLATILES BY GC/MS - Quality Control

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

Batch 2060226 - Volatiles

Blank (2060226-BLK1)

Prepared: 06/02/22 Analyzed: 06/03/22

Surrogate: 4-Bromofluorobenzene	0.0245		mg/L	0.0250		98.0	76.4-114			
Benzene	ND	0.0005	mg/L							
Surrogate: Dibromofluoromethane	0.0250		mg/L	0.0250		100	82.4-141			
Ethylbenzene	ND	0.0005	mg/L							
m+p - Xylene	ND	0.001	mg/L							
Naphthalene	ND	0.0005	mg/L							
o-Xylene	ND	0.0005	mg/L							
Toluene	ND	0.0005	mg/L							
Surrogate: Toluene-d8	0.0250		mg/L	0.0250		99.9	87.1-110			
Total Xylenes	ND	0.002	mg/L							

LCS (2060226-BS1)

Prepared: 06/02/22 Analyzed: 06/03/22

Surrogate: 4-Bromofluorobenzene	0.0255		mg/L	0.0250		102	76.4-114			
Benzene	0.020	0.0005	mg/L	0.0200		98.3	85.9-114			
Surrogate: Dibromofluoromethane	0.0248		mg/L	0.0250		99.2	82.4-141			
Ethylbenzene	0.019	0.0005	mg/L	0.0200		93.7	81.8-127			
m+p - Xylene	0.041	0.001	mg/L	0.0400		102	72.4-134			
Naphthalene	0.022	0.0005	mg/L	0.0200		108	59.3-140			
o-Xylene	0.020	0.0005	mg/L	0.0200		100	76.2-135			
Toluene	0.020	0.0005	mg/L	0.0200		102	78.8-121			
Surrogate: Toluene-d8	0.0251		mg/L	0.0250		100	87.1-110			
Total Xylenes	0.061	0.002	mg/L	0.0600		102	74.3-134			

LCS Dup (2060226-BSD1)

Prepared: 06/02/22 Analyzed: 06/03/22

Surrogate: 4-Bromofluorobenzene	0.0250		mg/L	0.0250		100	76.4-114			
Benzene	0.020	0.0005	mg/L	0.0200		101	85.9-114	2.61	4.16	
Surrogate: Dibromofluoromethane	0.0255		mg/L	0.0250		102	82.4-141			
Ethylbenzene	0.019	0.0005	mg/L	0.0200		93.8	81.8-127	0.160	4.83	
m+p - Xylene	0.042	0.001	mg/L	0.0400		104	72.4-134	1.57	5.77	
Naphthalene	0.021	0.0005	mg/L	0.0200		104	59.3-140	3.58	33.5	
o-Xylene	0.020	0.0005	mg/L	0.0200		101	76.2-135	0.697	6.29	
Toluene	0.020	0.0005	mg/L	0.0200		101	78.8-121	1.72	5.67	
Surrogate: Toluene-d8	0.0257		mg/L	0.0250		103	87.1-110			
Total Xylenes	0.062	0.002	mg/L	0.0600		103	74.3-134	1.29	5.83	

Green Analytical Laboratories

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ogris Operating, LLC
21603 State Hwy 12
Trinidad CO, 81082

Project: Rule 909.j
Project Name / Number: Rule 909.j
Project Manager: Sam Bollinger

Reported:
06/29/22 14:07

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
*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

Jeremy D Allen For Brenna Kampf, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Company Name: Ogris Operating, LLC
 Address: 21603 State
 Trinidad, CO
 Contact: Sam Bollinger
 Phone #: 719-680-0808
 Agency: COGCC

75 Shuttle Street
 Durango, CO 81303
 Phone: (970) 247-4220 - Email: brenna.kampf@greenanalytical.com

2205-339

PMS 5-27
 01-06
 02-07
 03-08
 04-09
 05-10

Sample Description	Sample Date	Time MST	(C)omp / (G)rab	Alkalinity as CaCO3	Bicarbonate as CaCO3	Carbonate as CaCO3	Hydroxide as CaCO3	Conductivity	TSS	TDS	Lab pH	Boron 200.2 by ICP	Iron 200.2 by ICP	Potassium 200.2 by ICP	Sodium 200.2 by ICP	Strontium 200.2 by ICP	Hardness, Calcium, Magnesium	Barium 200.2 by ICPMS	Manganese 200.2 by ICPMS	Selenium 200.2 by ICPMS	Bromide by IC	Chloride by IC	Fluoride by IC	Sulfate by IC	Nitrate/Nitrite AS N	Phosphorus, Total	TPH 8015M	BTEX+Naphtalene 8260	Preservatives	# of Containers
HR 10-14V	5/26/2022	10:36AM	G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	HNO3 H2SO4 HCl	13
HR 05-06R	5/26/2022	11:00AM	G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	HNO3 H2SO4 HCl	13
HR 31-02	5/26/2022	11:14AM	G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	HNO3 H2SO4 HCl	13
HR 31-08	5/26/2022	11:30AM	G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	HNO3 H2SO4 HCl	13
HR 21-15V	5/26/2022	11:41AM	G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	HNO3 H2SO4 HCl	13

Collected by: (Signature) [Signature] Date: 5-26-2022 Time: 4:30 PM
 Relinquished by: (Signature) [Signature] Date: 5-27-22 Time: 11:00
 Received by: (Signature) [Signature] Date: _____ Time: _____
 Method of Shipment: Fed-Ex
 Additional Comments: 9091 Wellheads

Samples 339-01 & 02 (for Rad Chem) had leaked out upon arrival at Radiation Safety.
 per Pat Flannery 06-06-22 & notified client
 I.G.C on ice barrel #2 PMS

06/10/22

Company Name: Ogris Operating, LLC
 Address: 21603 State Trinidad, CO
 Contact: Sam Bollinger
 Phone #: 719-680-0808
 Agency: COGCC
 75 Shuttle Street
 Durango, CO 81303
 Phone: (970) 247-4220 - Email: brenna.kampf@greenanalytical.com

2205-3388-23 PMS

PMS B5-27
 11-06
 2-07
 3-08
 04-09
 05-10

Sample Description	Sample Date	Time MST	(C)omp / (G)rab	Radium 226	Radium 228	Preservatives	# of Containers
HR 10-14V	5/26/2022	10:36AM	G	X	X	NONE	1
HR 05-06R	5/26/2022	11:00AM	G	X	X	NONE	1
HR 31-02	5/26/2022	11:14AM	G	X	X	NONE	1
HR 31-08	5/26/2022	11:30AM	G	X	X	NONE	1
HR 32-15V	5/26/2022	11:41AM	G	X	X	NONE	1

Collected by: (Signature) [Signature] Date: 5-26-2022 Time: 4:30 PM

Relinquished by: (Signature) [Signature] Date: 5-27-22 Time: 1:00

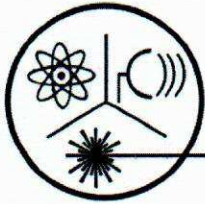
Received by: (Signature) [Signature] Date: 5-27-22 Time: 1:00

Method of Shipment: Fed-Ex

Additional Comments: 909J Wellheads

1.6°C ON ICE LASER #2 PMS

208-2082



Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Green Analytical Laboratories
75 Suttle St.
Durango, CO 81303

Sampling Date: May 26, 2022
Sample Received: June 06, 2022
Analysis Completed: June 28, 2022

Sample ID	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2205-339-03	< 0.4	1.5 ± 0.4	1.5 ± 0.4

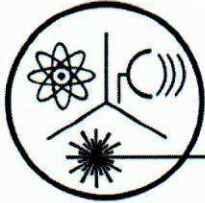
Date of Analysis	6/10/2022	6/10/2022	6/10/2022
------------------	-----------	-----------	-----------

6/28/2022

Alex Myers, Ph.D.

Date

Laboratory License Number AZ0462



Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Green Analytical Laboratories
75 Suttle St.
Durango, CO 81303

Sampling Date: May 26, 2022
Sample Received: June 06, 2022
Analysis Completed: June 28, 2022

Sample ID	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2205-339-04	< 0.4	0.6 ± 0.3	0.6 ± 0.3

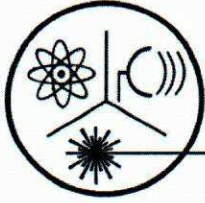
Date of Analysis	6/10/2022	6/10/2022	6/10/2022
------------------	-----------	-----------	-----------

6/28/2022

Alex Myers, Ph.D.

Date

Laboratory License Number AZ0462



Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Green Analytical Laboratories
75 Suttle St.
Durango, CO 81303

Sampling Date: May 26, 2022
Sample Received: June 06, 2022
Analysis Completed: June 28, 2022

Sample ID	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2205-339-05	0.5 ± 0.2	< 0.6	0.5 ± 0.2

Date of Analysis	6/10/2022	6/10/2022	6/10/2022
------------------	-----------	-----------	-----------

6/28/2022

Alex Myers, Ph.D.

Date

Laboratory License Number AZ0462

