Monday, June 28, 2021

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

Re: ALS Workorder: 2106209
Project Name: Annual Analytical
Project Number:

Dear Mr. Bollinger:

Two water samples were received from Ogris Operating, LLC, on 6/9/2021. The samples were scheduled for the following analysis:

Metals

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. OBrien
Project Manager

Accreditations: ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
PJ-LA (DoD ELAP/ISO 170250)	95377
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.

2106209

Metals:
The samples were analyzed following Methods for the Determination of Metals in Environmental Samples – Supplement 1 procedures. Analysis by ICPMS followed method 200.8 and the current revision of SOP 827.

Sample 2106209-2 was to be analyzed for potentially dissolved metals. The nitric acid preserved sample (pH less than two) was filtered through a 0.45 micron filter after 96 hours of sample collection.

All acceptance criteria were met.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2106209
Client Name: Ogris Operating, LLC
Client Project Name: Annual Analytical
Client Project Number:
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
019A-A	2106209-1		WATER	08-Jun-21	12:15
019A-A	2106209-2		WATER	08-Jun-21	12:15

ALS Global

2106209

Company Name:	Ogris Operating, LLC
Address:	21603 State Hwy 12
	Trinidad, CO 81082
Contact:	Ronald Mack
Phone #:	719-845-2100
Permit #:	CO0048062

225 Commerce Drive
Fort Collins, CO 80524
Phone: (970) 488-3042 - Email: marcela.hobgood@alsglobal.com

Annual Analytical Chain of Custody

Sample Description	Sample Date	Time MST	(C)omp/ (G)rab	Cadmium, TR	Cadmium, PD (2)	Boron, Total	Chloride	Arsenic, TR	# Containers	Preservatives
019A-A	6/8/2021	12:15PM	G	X	X	X			2	HNO3/Ice

Collected by: (Signature)	[signature]				
Relinquished by: (Signature)	[signature]	Date:	6-8-2021	Time:	4:30pm
Received by: (Signature)	[signature]	Date:	6-9-21	Time:	0930
Received by: (Signature)		Date:		Time:	
Method of Shipment:	fed ex				
Additional Comments:	Annual AC				

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: OGRIS Workorder No: 2106209

Project Manager: KMO Initials: JPE Date: 06/09/2021

	N/A	YES	NO
1. Are airbills / shipping documents present and/or removable?		X	
Tracking number: 7739 4422 2605			
2. Are custody seals on shipping containers intact?		X	
3. Are custody seals on sample containers intact?	X		
4. Is there a COC (chain-of-custody) present?		X	
5. Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6. Are short-hold samples present?			X
7. Are all samples within holding times for the requested analyses?		X	
8. Were all sample containers received intact? (not broken or leaking)		X	
9. Is there sufficient sample for the requested analyses?		X	
10. Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11. Are all aqueous samples preserved correctly, if required? (excluding volatiles)		X	
12. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13. Were the samples shipped on ice?		X	
14. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY	X	

Cooler #:	1						
Temperature (°C):	4.5						
# of custody seals on cooler:	1						
External µR/hr reading:	11						
Background µR/hr reading:	10						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: JE

If applicable, was the client contacted? YES / NO / NA Contact: Date/Time: 6/11/21

Project Manager Signature / Date:

Form 201r30.xls
03/18/2021

*IR Gun #5, VWR SN 192272629

Client:	Ogris Operating, LLC	**Date:**	*28-Jun-21*
Project:	Annual Analytical	**Work Order:**	2106209
Sample ID:	019A-A	**Lab ID:**	2106209-1
Legal Location:		**Matrix:**	WATER
Collection Date:	6/8/2021 12:15	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Total Recoverable Metals by 200.8			**EPA200.8**		Prep Date: **6/18/2021**	PrepBy: **JML**
BORON	**260**		**50**	**UG/L**	10	6/22/2021 17:34
CADMIUM	ND		0.3	UG/L	10	6/22/2021 17:34

Client:	Ogris Operating, LLC	**Date:**	*28-Jun-21*
Project:	Annual Analytical	**Work Order:**	2106209
Sample ID:	019A-A	**Lab ID:**	2106209-2
Legal Location:		**Matrix:**	WATER
Collection Date:	6/8/2021 12:15	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Potentially Dissolved Metals by 200.8			**EPA200.8**	Prep Date: **6/18/2021**	PrepBy: **JML**	
CADMIUM	ND		0.3	UG/L	10	6/22/2021 17:37

Client:	Ogris Operating, LLC	**Date:**	*28-Jun-21*
Project:	Annual Analytical	**Work Order:**	2106209
Sample ID:	019A-A	**Lab ID:**	2106209-2
Legal Location:		**Matrix:**	WATER
Collection Date:	6/8/2021 12:15	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed

Explanation of Qualifiers

Radiochemistry:

- "Report Limit" is the MDC

U or ND - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

W - DER is greater than Warning Limit of 1.42

* - Aliquot Basis is 'As Received' while the Report Basis is 'Dry Weight'.
# - Aliquot Basis is 'Dry Weight' while the Report Basis is 'As Received'.
G - Sample density differs by more than 15% of LCS density.
D - DER is greater than Control Limit

M - Requested MDC not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

L - LCS Recovery below lower control limit.

H - LCS Recovery above upper control limit.

P - LCS, Matrix Spike Recovery within control limits.

N - Matrix Spike Recovery outside control limits

NC - Not Calculated for duplicate results less than 5 times MDC

B - Analyte concentration greater than MDC.

B3 - Analyte concentration greater than MDC but less than Requested MDC.

Inorganics:

B - Result is less than the requested reporting limit but greater than the instrument method detection limit (MDL).

U or ND - Indicates that the compound was analyzed for but not detected.

E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

M - Duplicate injection precision was not met.

N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

* - Duplicate analysis (relative percent difference) not within control limits.

S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.

Organics:

U or ND - Indicates that the compound was analyzed for but not detected.

B - Analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user.

E - Analyte concentration exceeds the upper level of the calibration range.

J - Estimated value. The result is less than the reporting limit but greater than the instrument method detection limit (MDL).

A - A tentatively identified compound is a suspected aldol-condensation product.

X - The analyte was diluted below an accurate quantitation level.

* - The spike recovery is equal to or outside the control criteria used.

+ - The relative percent difference (RPD) equals or exceeds the control criteria.

G - A pattern resembling gasoline was detected in this sample.

D - A pattern resembling diesel was detected in this sample.

M - A pattern resembling motor oil was detected in this sample.

C - A pattern resembling crude oil was detected in this sample.

4 - A pattern resembling JP-4 was detected in this sample.

5 - A pattern resembling JP-5 was detected in this sample.

H - Indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.

L - Indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.

Z - This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
- gasoline
- JP-8
- diesel
- mineral spirits
- motor oil
- Stoddard solvent
- bunker C

QC BATCH REPORT

Batch ID: **IP210618-4-3** Instrument ID **ICPMS2** Method: **EPA200.8**

LCS Sample ID: **IM210618-4** Units: **UG/L** Analysis Date: **6/22/2021 16:28**

Client ID: Run ID: **IM210622-10A9** Prep Date: **6/18/2021** DF: **10**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
BORON	1060	50	1000		106	85-115				20	
CADMIUM	27.7	0.3	30		92	85-115				20	

LCSD Sample ID: **IM210618-4** Units: **UG/L** Analysis Date: **6/22/2021 16:34**

Client ID: Run ID: **IM210622-10A9** Prep Date: **6/18/2021** DF: **10**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
BORON	1050	50	1000		105	85-115		1060	0	20	
CADMIUM	27.7	0.3	30		92	85-115		27.7	0	20	

MB Sample ID: **IP210618-4** Units: **UG/L** Analysis Date: **6/22/2021 16:25**

Client ID: Run ID: **IM210622-10A9** Prep Date: **6/18/2021** DF: **10**

Analyte	Result	ReportLimit	Qual
BORON	ND	50	
CADMIUM	ND	0.3	

The following samples were analyzed in this batch: 2106209-1

Client: Ogris Operating, LLC
Work Order: 2106209
Project: Annual Analytical

QC BATCH REPORT

Batch ID: **IP210618-4-4** Instrument ID **ICPMS2** Method: **EPA200.8**

LCS Sample ID: **IM210618-4** Units: **UG/L** Analysis Date: **6/22/2021 16:28**
Client ID: Run ID: **IM210622-10A9** Prep Date: **6/18/2021** DF: **10**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
CADMIUM	27.7	0.3	30		92	85-115				20	

LCSD Sample ID: **IM210618-4** Units: **UG/L** Analysis Date: **6/22/2021 16:34**
Client ID: Run ID: **IM210622-10A9** Prep Date: **6/18/2021** DF: **10**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
CADMIUM	27.7	0.3	30		92	85-115		27.7	0	20	

MB Sample ID: **FP210610-4** Units: **UG/L** Analysis Date: **6/22/2021 16:22**
Client ID: Run ID: **IM210622-10A9** Prep Date: **6/18/2021** DF: **10**

Analyte	Result	ReportLimit	Qual
CADMIUM	ND	0.3	

The following samples were analyzed in this batch: 2106209-2