



March 1, 2012

Mr. John Axelson
COGCC
1120 Lincoln St., #801
Denver, CO 80203

Re: ALS Workorder: 12-02-226
Project Name: Burkhart
Project Number: 25087038

Dear Mr. Axelson:

One water sample was received from COGCC on February 20, 2012. The sample was scheduled for the following analyses:

Metals	pages 1-9
Inorganics	pages 1-21
GC/MS Volatiles	pages 1-10
Dissolved Gasses	pages 1-9
Total Volatile Petroleum Hydrocarbons (Gasoline)	pages 1-12
Total Extractable Petroleum Hydrocarbons (Diesel)	pages 1-10

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

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

Sincerely,

ALS Environmental
Amy Wolf
Project Manager

ARW/arw
Enclosure (s): Report

ALS 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.

Accreditation Body	License or Certification Number
Washington	C1280
Utah	CO00078
Arizona	AZ0742
Alaska	UST-086
Alaska	CO00078
Florida	E87914
Missouri	175
North Dakota	R-057
New Jersey	CO003
Nevada	CO000782008A
California	06251CA
Kansas	E-10381
Maryland	285
Pennsylvania	68-03116
Texas	T104704241-09-1
Colorado	CO00078
Connecticut	PH-0232
Idaho	CO00078
Tennessee	2976
Kentucky	90137
L-A-B (DoD ELAP/ISO 17025)	L2257

ALS Environmental -- FC

Sample Number(s) Cross-Reference Table

OrderNum: 1202226

Client Name: COGCC

Client Project Name: Burkhart

Client Project Number: 25087038

Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
Burkhart 1/#200340214	1202226-1		WATER	20-Feb-12	12:00



ALS Laboratory Group

225 Commerce Drive Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

PROJECT NAME	Bidwell, Burkhardt, Olson	SAMPLER	Ashley K. Byrne	DATE	2/20/12	WORKORDER #	1202224
PROJECT No.	25087038	SITE ID		TURNAROUND	STD	PAGE	1 of 1
COMPANY NAME	Terracon Consultants	EDD FORMAT				DISPOSAL	Return to Client
SEND REPORT TO	John Axelsson / Amy Wolf	PURCHASE ORDER	COGCC				
ADDRESS	10625 W 170th Ave, Littleton, CO 80120	BILL TO COMPANY	COGCC				
CITY / STATE / ZIP	Littleton, CO 80120	INVOICE ATTN TO	John Axelsson				
PHONE	303-923-3300	ADDRESS					
FAX		CITY / STATE / ZIP					
E-MAIL	Jc.dellaport@terracon.com	PHONE					
		FAX					
		E-MAIL					
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC
①	Bidwell I / #200340417	SW	2/20/12	935	10	X	X
	Burkhardt I / #200340424			1200	10	X	X
	Olson I / #200340417			1500	10	X	X

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)			
	LEVEL II (Standard QC)	LEVEL III (Std QC + forms)	LEVEL IV (Std QC + forms + raw data)	
Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035				

RELINQUISHED BY	SIGNATURE	PRINTED NAME	DATE	TIME
RECEIVED BY	[Signature]	Ashley K. Byrne	2/20/12	1700
RELINQUISHED BY		John Axelsson	2-20-12	1700
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				



CONDITION OF SAMPLE UPON RECEIPT FORM

Client: COGCCWorkorder No: 1202226Project Manager: AWInitials: CDT Date: 2-20-12

1. Does this project require any special handling in addition to standard Paragon procedures?		YES	<u>NO</u>
2. Are custody seals on shipping containers intact?	<u>NONE</u>	YES	NO
3. Are Custody seals on sample containers intact?	<u>NONE</u>	YES	NO
4. Is there a COC (Chain-of-Custody) present or other representative documents?		<u>YES</u>	NO
5. Are the COC and bottle labels complete and legible ?		<u>YES</u>	NO
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		<u>YES</u>	NO
7. Were airbills / shipping documents present and/or removable?	<u>DROP OFF</u>	YES	NO
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	N/A	<u>YES</u>	NO
9. Are all aqueous non-preserved samples pH 4-9?	N/A	<u>YES</u>	NO
10. Is there sufficient sample for the requested analyses?		YES	<u>NO</u>
11. Were all samples placed in the proper containers for the requested analyses?		<u>YES</u>	NO
12. Are all samples within holding times for the requested analyses?		<u>YES</u>	NO
13. Were all sample containers received intact? (not broken or leaking, etc.)		<u>YES</u>	NO
14. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free? Size of bubble: <u> </u> < green pea <u> </u> > green pea	N/A	<u>YES</u>	NO
15. Do perchlorate LCMS-MS samples have headspace? (at least 1/3 of container required)	<u>N/A</u>	YES	NO
16. Were samples checked for and free from the presence of residual chlorine? (Applicable when PM has indicated samples are from a chlorinated water source; note if field preservation with sodium thiosulfate was not observed.)	<u>N/A</u>	YES	NO
17. Were the samples shipped on ice?		<u>YES</u>	NO
18. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: <u>#2</u> <u>(#4)</u>		<u>YES</u>	NO
Cooler #: <u>1</u>			
Temperature (°C): <u>2.4</u>			
No. of custody seals on cooler: <u>0</u>			
External µR/hr reading: <u>NA</u>			
Background µR/hr reading: <u>NA</u>			
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES / NO / NA (If no, see Form 008.) <u>NA</u>			

Additional Information: PROVIDE DETAILS BELOW FOR A-NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

RECEIVED 6 total UOA VIALS, so ASSIGNED 2 for EACH ANALYSIS.

2/22/12: cancelled NO2/NO3 by 353.2 due to samples bottles being left out of cooler overnight. Replaced analysis with 300.0 NO2 and 300.0 NO3. AW 2/22/12

If applicable, was the client contacted? YES / NO / NA Contact: John Axelson AW 2/22/12 Date/Time: 2/22/12Project Manager Signature / Date: C. Wolf 2/21/12