



Thursday, August 11, 2016

Greg Bright  
Cabrera Services, Inc.  
50 Founders Plaza, Suite 207  
East Hartford, CT 06108

Re: ALS Workorder: 1607218  
Project Name: UNC New Haven CT  
Project Number: 10-1007.00

Dear Mr. Bright:

Thirteen soil samples were received from Cabrera Services, Inc., on 7/14/2016. The samples were scheduled for the following analysis:

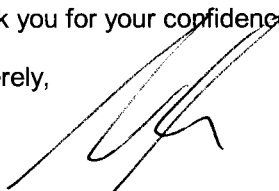
Isotopic Uranium ..... pages 1-28

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.

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

Sincerely,



ALS Environmental  
Lance R. Steere  
Project Manager

Enclosure(s): CD

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
Alaska (AK)	UST-086
Alaska (AK)	CO01099
Arizona (AZ)	AZ0742
California (CA)	06251CA
Colorado (CO)	CO01099
Connecticut (CT)	PH-0232
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
L-A-B (DoD ELAP/ISO 170250)	L2257
Louisiana (LA)	05057
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO000782008A
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280

# ALS Environmental -- FC

## Sample Number(s) Cross-Reference Table

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**OrderNum:** 1607218

**Client Name:** Cabrera Services, Inc.

**Client Project Name:** UNC New Haven CT

**Client Project Number:** 10-1007.00

**Client PO Number:** 01191

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Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
ML-SB-01-S-P-17	1607218-1		SOIL	11-Jul-16	10:00
ML-SB-02-S-P-14	1607218-2		SOIL	11-Jul-16	11:00
ML-SB-03-S-P-12	1607218-3		SOIL	11-Jul-16	12:00
ML-SB-04-S-P-9	1607218-4		SOIL	11-Jul-16	13:00
ML-SB-05-S-P-9	1607218-5		SOIL	11-Jul-16	14:00
ML-SB-06-S-P-11	1607218-6		SOIL	11-Jul-16	15:00
HW-SB-07-S-P-10	1607218-7		SOIL	12-Jul-16	8:00
HW-SB-08-S-P-10	1607218-8		SOIL	12-Jul-16	9:00
HW-SB-09-S-P-10	1607218-9		SOIL	12-Jul-16	10:00
HW-SB-10-S-P-10	1607218-10		SOIL	12-Jul-16	11:00
HW-SB-11-S-P-10	1607218-11		SOIL	12-Jul-16	12:00
HW-SB-12-S-P-12	1607218-12		SOIL	12-Jul-16	13:00
HW-SB-13-S-P-11	1607218-13		SOIL	12-Jul-16	14:00



**ALS Environmental**

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

**Chain-of-Custody**

Form 2028

<b>PROJECT NAME</b> UNC New Haven CT	<b>SAMPLER AC/MP</b>	<b>DATE</b> 7/13/2016	<b>WORKORDER #</b> 1607218
<b>PROJECT No.</b> 10-1007-00	<b>SITE ID</b> Standard	<b>TURNAROUND</b> 30 d	<b>PAGE</b> 1 of 2
<b>COMPANY NAME</b> Cabrera Services	<b>EDD FORMAT</b> Standard		<b>DISPOSAL</b> By Lab or Return to Client
<b>SEND REPORT TO</b> Greg Bright	<b>PURCHASE ORDER</b>		
<b>ADDRESS</b> 50 Founders Plaza Suite 207	<b>BILL TO COMPANY</b> Cabrera Services		
<b>CITY / STATE / ZIP</b> East Hartford CT 06108	<b>INVOICE ATTN TO</b> Accounts Payable		
<b>PHONE</b> 860-569-0095	<b>ADDRESS</b> 50 Founders Plaza Suite 207		
<b>FAX</b>	<b>CITY / STATE / ZIP</b> East Hartford CT 06108		
<b>E-MAIL</b> gbright@cabreraseservices.com	<b>PHONE</b> 860-569-0095		
	<b>FAX</b>		
	<b>E-MAIL</b> gbright@cabreraseservices.com		

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres. QC	Signature	Printed Name	Date	Time
1	ML-SB-01-S-P-17	Soil	7/11/2016	10:00:00 AM	1	n/a	[Signature]	Al Craig	7/16	1300
2	ML-SB-02-S-P-14	Soil	7/11/2016	11:00:00 AM	1	n/a		Rebecca Merola	7/14/16	1025
3	ML-SB-03-S-P-12	Soil	7/11/2016	12:00:00 PM	1	n/a				
4	ML-SB-04-S-P-9	Soil	7/11/2016	1:00:00 PM	1	n/a				
5	ML-SB-05-S-P-9	Soil	7/11/2016	2:00:00 PM	1	n/a				
6	ML-SB-06-S-P-11	Soil	7/11/2016	3:00:00 PM	1	n/a				
7	HW-SB-07-S-P-10	Soil	7/12/2016	08:00:00 AM	1	n/a				
8	HW-SB-08-S-P-10	Soil	7/12/2016	09:00:00 AM	1	n/a				
9	HW-SB-09-S-P-10	Soil	7/12/2016	10:00:00 AM	1	n/a				
10	HW-SB-10-S-P-10	Soil	7/12/2016	11:00:00 AM	1	n/a				

\*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.

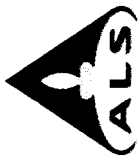
**Comments:**

Please return samples to client. Shipping instructions should be arranged with the POC listed above.

ML=Met Lab / HW=Hot Waste Processing

**Preservative Key:** 1-2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

<b>RELINQUISHED BY</b>	<b>SIGNATURE</b>	<b>PRINTED NAME</b>	<b>DATE</b>	<b>TIME</b>
	[Signature]	Al Craig	7/16	1300
<b>RECEIVED BY</b>	[Signature]	Rebecca Merola	7/14/16	1025
<b>RELINQUISHED BY</b>				
<b>RECEIVED BY</b>				
<b>RELINQUISHED BY</b>				
<b>RECEIVED BY</b>				



**ALS Environmental**

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

**Chain-of-Custody**

Form 20278

PROJECT NAME: <u>UNC New Haven CT</u>					SAMPLER AC/MP	DATE	7/13/2016	WORKORDER #	1607218
PROJECT No. <u>10-1007-00</u>					SITE ID	TURNAROUND	30 d	PAGE	2 of 2
COMPANY NAME: Cabrera Services					EDD FORMAT	DISPOSAL: By Lab or <u>Return to Client</u>			
BILL TO COMPANY: Cabrera Services					PURCHASE ORDER				
ADDRESS: 50 Founders Plaza Suite 207					BILL TO COMPANY: Cabrera Services				
CITY / STATE / ZIP: East Hartford CT 06108					INVOICE ATTN TO: Accounts Payable				
PHONE: 860-569-0095					ADDRESS: 50 Founders Plaza Suite 207				
FAX:					CITY / STATE / ZIP: East Hartford CT 06108				
E-MAIL: gbright@cabreraservices.com					PHONE: 860-569-0095				
					FAX:				
					E-MAIL: gbright@cabreraservices.com				
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres. QC	Isotopic Uranium (Alpha Spec)		
11	HW-SB-11-S-P-10	Soil	7/12/2016	12:00:00 PM	1	n/a			
12	HW-SB-12-S-P-12	Soil	7/12/2016	1:00:00 PM	1	n/a			
13	HW-SB-13-S-P-11	Soil	7/12/2016	2:00:00 PM	1	n/a			

\*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:**

Please return samples to client. Shipping instructions should be arranged with the POC listed above.

ML=Met Lab / HW=Hot Waste Processing

Preservative Key:      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	<i>SP-M</i>	Al Craig	7/14/16	12:00
RELINQUISHED BY		Rebecca Merola	7/14/16	10:25
RECEIVED BY				
RELINQUISHED BY				
EIVED BY				



**ALS Environmental - Fort Collins**  
**CONDITION OF SAMPLE UPON RECEIPT FORM**

Client: Cabrera

Workorder No: 1607218

Project Manager: LRS

Initials: RLR Date: 7/14/16

1. Does this project require any special handling in addition to standard ALS procedures?		YES	<input checked="" type="radio"/> NO
2. Are custody seals on shipping containers intact?	<input checked="" type="radio"/> NONE	YES	NO
3. Are Custody seals on sample containers intact?	<input checked="" type="radio"/> NONE	YES	NO
4. Is there a COC (Chain-of-Custody) present or other representative documents?		<input checked="" type="radio"/> YES	NO
5. Are the COC and bottle labels complete and legible?		<input checked="" type="radio"/> YES	NO
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		<input checked="" type="radio"/> YES	NO
7. Were airbills / shipping documents present and/or removable?	DROP OFF	<input checked="" type="radio"/> YES	NO
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	<input checked="" type="radio"/> N/A	YES	NO
9. Are all aqueous non-preserved samples pH 4-9?	<input checked="" type="radio"/> N/A	YES	NO
10. Is there sufficient sample for the requested analyses?		<input checked="" type="radio"/> YES	NO
11. Were all samples placed in the proper containers for the requested analyses?		<input checked="" type="radio"/> YES	NO
12. Are all samples within holding times for the requested analyses?		<input checked="" type="radio"/> YES	NO
13. Were all sample containers received intact? (not broken or leaking, etc.)		<input checked="" type="radio"/> YES	NO
14. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free? Size of bubble: ___ < green pea ___ > green pea	<input checked="" type="radio"/> N/A	YES	NO
15. Do any water samples contain sediment? Amount Amount of sediment: ___ dusting ___ moderate ___ heavy	<input checked="" type="radio"/> N/A	YES	NO
16. Were the samples shipped on ice?		YES	<input checked="" type="radio"/> NO
17. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #2 #4	<input checked="" type="radio"/> RAD ONLY	YES	<input checked="" type="radio"/> NO
Cooler #: <u>1</u>			
Temperature (°C): <u>AMB</u>			
No. of custody seals on cooler: <u>0</u>			
External µR/hr reading: <u>12</u>			
Background µR/hr reading: <u>11</u>			
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? <input checked="" type="radio"/> YES <input type="radio"/> NO / <input type="radio"/> NA (If no, see Form 008.)			

DOT Survey/  
Acceptance  
Information

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

If applicable, was the client contacted? YES / NO / NA Contact: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Project Manager Signature / Date: [Signature] 7/14/16

1607218

ORIGIN D:QCWA (860) 819-3332  
MIKE PLONSKI  
CABRERA SERVICES INC  
50 FOUNDERS PLAZA, SUITE 207  
EAST HARTFORD, CT 08108  
UNITED STATES US

SHIP DATE: 13 JUL 16  
ACTWT: 30.00 LB  
CAD: 105319400ANET3730  
DIMS: 36x18x18 IN  
BILL SENDER

TO LANCE STEERE  
ALS LABORATORIES  
225 COMMERCE DR

12-0

FORT COLLINS CO 80524  
(970) 480-1511 REF: 10-1007:15  
NV DEPT



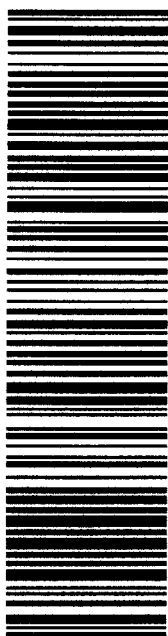
161616206716

TRK# 7767 3444 9091  
0201

THU - 14 JUL 10:30A  
PRIORITY OVERNIGHT

NA FTCA

80524  
CO-US DEN



540.J16CBD/727F

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