



Paint Filter Case Narrative

Cabrera Services, Inc.


DHS-EML – 07-3080.01

Work Order Number: 1108251


1. This report consists of 11 soil samples. The samples were received cool and intact by ALS on 08/18/2011.
2. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures, SW-9095 and SOP 658 Rev. 9.
3. A duplicate was prepared and analyzed with this batch.
4. If a sample does not yield free liquid through the filter apparatus, then the sample will be reported with a "0" for a result with a "U" flag. If a sample does yield free liquid through the filter apparatus, then the sample will be reported with a "1" for a result without a flag. Any particulate matter passing through the filter is defined as free liquid by the method.
5. All samples were positive due to fine solids passing thru the filter. Sample -12 was not analyzed due to depletion.

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.


Mindy Norton
Organics Primary Data Reviewer


Date


Organics Final Data Reviewer


Date



ALS
Data Qualifier Flags
Chromatography and Mass Spectrometry

- U or ND:** This flag indicates that the compound was analyzed for but not detected.
- J:** This flag indicates an estimated value. This flag is used as follows : (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the data indicate the presence of a compound that meets the identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.
- B:** This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.
- E:** This flag identifies compounds whose concentration exceeds the upper level of the calibration range.
- A:** This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.
- X:** This flag indicates that the analyte was diluted below an accurate quantitation level.
- *:** This flag indicates that a spike recovery is outside the control criteria.
- +:** This flag indicates that the relative percent difference (RPD) exceeds the control criteria.



Chain of Custody

ALS Environmental -- FC

Sample Number(s) Cross-Reference Table

OrderNum: 1108251

Client Name: CABRERA SERVICES, INC.

Client Project Name: DHS-EML

Client Project Number: 07-3080.01

Client PO Number: 09-1281

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
SN 2	1108251-1		SOIL	16-Aug-11	10:47
SN 3	1108251-2		SOIL	16-Aug-11	13:25
SN 4	1108251-3		SOIL	17-Aug-11	10:14
SN 5	1108251-4		SOIL	16-Aug-11	10:30
SN 7	1108251-5		SOIL	17-Aug-11	12:45
SN 8	1108251-6		SOIL	16-Aug-11	11:07
SN 11	1108251-7		SOIL	16-Aug-11	12:35
SN 12	1108251-8		SOIL	17-Aug-11	12:20
SN 13	1108251-9		SOIL	17-Aug-11	11:00
SN 14	1108251-10		SOIL	17-Aug-11	10:38
SN 15	1108251-11		SOIL	16-Aug-11	11:21
SN 16	1108251-12		SOIL	16-Aug-11	13:16
TRIP BLANK	1108251-13		WATER	16-Aug-11	
SN 2	1108251-14		LEACHAT	16-Aug-11	10:47
SN 3	1108251-15		LEACHAT	16-Aug-11	13:25
SN 4	1108251-16		LEACHAT	17-Aug-11	10:14
SN 5	1108251-17		LEACHAT	16-Aug-11	10:30
SN 7	1108251-18		LEACHAT	17-Aug-11	12:45
SN 8	1108251-19		LEACHAT	16-Aug-11	11:07
SN 11	1108251-20		LEACHAT	16-Aug-11	12:35
SN 12	1108251-21		LEACHAT	17-Aug-11	12:20
SN 13	1108251-22		LEACHAT	17-Aug-11	11:00
SN 14	1108251-23		LEACHAT	17-Aug-11	10:38
SN 15	1108251-24		LEACHAT	16-Aug-11	11:21
SN 16	1108251-25		LEACHAT	16-Aug-11	13:16



ALS Global Chain-of-Custody Record

225 Commerce Drive
Fort Collins, CO 80524
Phone: (800) 443-1511

1108251

Customer Information			Project Information			Analyses / Method Requested												
Project Name	DHS 07-3080.01	Purchase Order	09-1281	A. TCLP RCRA VOCs														
Quote#		Work Order		B. TCLP RCRA SVOCs														
Company	Cabrera Services, Inc.	Bill To	Cabrera Services, Inc.	C. TCLP RCRA Metals														
Send Report To:	Nicholas Berliner	Invoice Attn:	Accounting	D. RCRA Pesticides/Herbicides (8081)														
Address:	473 Silver Lane	Address:	473 Silver Lane	E. PCBs (8082)														
City/State/Zip	East Hartford, CT 06118	City/State/Zip	East Hartford, CT 06118	F. Ignitability/corrosivity/reactivity/paint filter														
Phone	(860) 569-0095	Phone	(860) 569-0095	G. Initial gamma Spec (no ingrowth)														
Fax	(860) 569-0277	Fax	(860) 569-0277	H. Gamma Spec. (E 901.1 M)														
Chain of Custody			I. Alpha Spec for U (ASTM D3972-90)															
Shipment Method: Federal Express			Airbill Nos.: 7950 9125 3210			Required Turnaround: 30 days												
Relinquished by: Nicholas Berliner			Relinquished by:			Date			Relinquished by:			Date			Date			
Company Name: CABRERA SERVICES, INC.			Company Name:			Time			Company Name:			Time			Time			
Received by: <i>Lauren Chined</i>			Received by:			Date			Received by:			Date			Date			
Company Name: ALS			Company Name:			Time			Company Name:			Time			Time			
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bottles	A	B	C	D	E	F	G	H	I	J	Comments
1	SN 2 (1)	2011-08-16	1047	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(14)
2	SN 3 (2)	2011-08-16	1325	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(15)
3	SN 4 (3)	2011-08-17	1014	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(16)
4	SN 5 (4)	2011-08-16	1030	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(17)
5	SN 7 (5)	2011-08-17	1245	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(18)
6	SN 8 (6)	2011-08-16	1107	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(19)
7	SN 11 (7)	2011-08-16	1235	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(20)
8	SN 12 (8)	2011-08-17	1220	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(21)
9	SN 13 (9)	2011-08-17	1100	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(22)
10	SN 14 (10)	2011-08-17	1038	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(23)
11	SN 15 (11)	2011-08-16	1121	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(24)
12	SN 16 (12)	2011-08-16	1316	SOIL	B	ICE	2	X	X	X	X	X	X	X	X	X	X	(25)

8/17/11
NMG
B = 4-gallon-ziplock-bag-8-07 Sox | jar
M = marinelli beaker



CONDITION OF SAMPLE UPON RECEIPT FORM

Client: Cabrera

Workorder No: 1108251

Project Manager: LRS

Initials: LAS Date: 8/18/11

1. Does this project require any special handling in addition to standard Paragon procedures?		YES	<input checked="" type="radio"/> NO
2. Are custody seals on shipping containers intact?	NONE	<input checked="" type="radio"/> 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.)		YES	<input checked="" type="radio"/> 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	N/A	<input checked="" type="radio"/> YES	NO
15. Do perchlorate LCMS-MS samples have headspace? (at least 1/3 of container required)	<input checked="" type="radio"/> N/A	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.)	<input checked="" type="radio"/> N/A	YES	NO
17. Were the samples shipped on ice?		<input checked="" type="radio"/> YES	NO
18. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: <input checked="" type="radio"/> #2 <input type="radio"/> #4		RAD ONLY	<input checked="" type="radio"/> YES
Cooler #: <u>1</u>			
Temperature (°C): <u>5.0</u>			
No. of custody seals on cooler: <u>1</u>			
External µR/hr reading: <u>14</u>			
Background µR/hr reading: <u>12</u>			
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES / NO / NA (If no, see Form 008.)			

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

* Trip Blank (2, 40ml vials) not listed on COC. Added as sample # 1108251-13 (bottles 1 & 2)

Proceed with analysis

If applicable, was the client contacted? YES / NO / NA Contact: Micky B Date/Time: 8/22

Project Manager Signature / Date: [Signature] 8/22/11

*IR Gun #2: Oakton, SN 29922500201-0066 *IR Gun #4: Oakton, SN 2372220101-0002 Form 201r22.xls (6/1/09)

From: (860) 916-6091
Nicholas Berliner - DHS
CABRERA SERVICES
201 Varick Street
c/o Al Crescenzi, 5th floor, DHS
EAST HARTFORD, NY 10014

Origin ID: UTOA



J11201104290225

Ship Date: 17AUG11
Act/Wgt: 40.0 LB
CAD: 4239785/NET3180

Dims: 36 X 18 X 18 IN

1108251 / 14
/ -

SHIP TO: (970) 490-1511

BILL SENDER

Lance Steere
ALS Laboratories
225 COMMERCE DR

FORT COLLINS, CO 80524

Delivery Address Bar Code



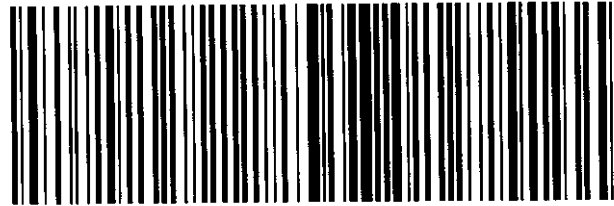
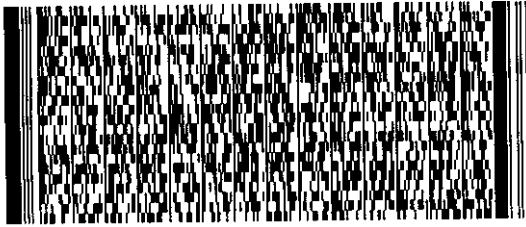
Ref # 07-3080.01 Task 005
Invoice #
PO #
Dept #

THU - 18 AUG A2
PRIORITY OVERNIGHT

TRK# 7950 9125 3210
0201

NJ FTCA

80524
CO-US
DEN



50FG1/EEE7/F5F4

After printing this label:

- 1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
- 2. Fold the printed page along the horizontal line.
- 3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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S.O.



Analytical Results

PAINT FILTER TEST

Method SW9095A

Sample Results

Lab Name: ALS Environmental -- FC
Client Name: CABRERA SERVICES, INC.
Client Project ID: DHS-EML 07-3080.01
Work Order Number: 1108251
Reporting Basis: Dry Weight
Prep Method: NONE

Final Volume: 1 sample
Matrix: SOIL
Result Units: NU

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	Reporting Limit	Flag	Sample Aliquot
SN 2	1108251-1	08/16/2011	09/26/2011	09/26/2011	N/A	1	1			100.02 g
SN 3	1108251-2	08/16/2011	09/26/2011	09/26/2011	N/A	1	1			100.94 g
SN 4	1108251-3	08/17/2011	09/26/2011	09/26/2011	N/A	1	1			100.1 g
SN 5	1108251-4	08/16/2011	09/26/2011	09/26/2011	N/A	1	1			100.3 g
SN 7	1108251-5	08/17/2011	09/26/2011	09/26/2011	N/A	1	1			47.69 g
SN 8	1108251-6	08/16/2011	09/26/2011	09/26/2011	N/A	1	1			100.43 g
SN 11	1108251-7	08/16/2011	09/26/2011	09/26/2011	N/A	1	1			100.77 g
SN 12	1108251-8	08/17/2011	09/26/2011	09/26/2011	N/A	1	1			97.02 g
SN 13	1108251-9	08/17/2011	09/26/2011	09/26/2011	N/A	1	1			94.95 g
SN 14	1108251-10	08/17/2011	09/26/2011	09/26/2011	N/A	1	1			78.02 g
SN 15	1108251-11	08/16/2011	09/26/2011	09/26/2011	N/A	1	1			89.11 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: EX1108251-2



Supporting QA/QC Data

Method SW9095 Duplicate Sample Results

Lab Name: ALS Environmental -- FC

Work Order Number: 1108251

Client Name: CABRERA SERVICES, INC.

ClientProject ID: DHS-EML 07-3080.01

Field ID:	SN 11
Lab ID:	1108251-7D

Sample Matrix: SOIL

% Moisture: N/A

Date Collected: 08/16/2011

Date Extracted: 09/26/2011

Date Analyzed: 09/26/2011

Prep Batch: EX110926-11

QC Batch ID: EX110926-11-1

Run ID: EX110926-11A

Cleanup: NONE

Basis: Dry Weight

File Name:

Sample Aliquot: 100.05 g

Final Volume: 1 sample

Result Units: NU

Clean DF: 1

CASNO	Target Analyte	Sample Result	Samp Qual	Duplicate Result	Dup Qual	Reporting Limit	Dilution Factor	RPD	RPD Limit
	PAINT FILTER TEST	1		1			1		

Data Package ID: EX1108251-2

Prep Batch ID: EX110926-11

Start Date: 09/26/11

End Date: 09/26/11

Concentration Method: NONE

Batch Created By: bch

Start Time: 13:20

End Time: 13:30

Extract Method: NONE

Date Created: 09/26/11

Prep Analyst: Brendon Howard

Initial Volume Units: g

Time Created: 13:15

Comments:

Final Volume Units: sample

Validated By: bch

All samples positive for free liquids. Any sample <100g means it was depleted during the course of this test.

Date Validated: 09/26/11

Time Validated: 13:49

QC Batch ID: EX110926-11-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
1108251-7	DUP	SN 11	SOIL	8/16/2011	100.05	1	NONE	1	1108251
1108251-1	SMP	SN 2	SOIL	8/16/2011	100.02	1	NONE	1	1108251
1108251-10	SMP	SN 14	SOIL	8/17/2011	78.02	1	NONE	1	1108251
1108251-11	SMP	SN 15	SOIL	8/16/2011	89.11	1	NONE	1	1108251
1108251-2	SMP	SN 3	SOIL	8/16/2011	100.94	1	NONE	1	1108251
1108251-3	SMP	SN 4	SOIL	8/17/2011	100.1	1	NONE	1	1108251
1108251-4	SMP	SN 5	SOIL	8/16/2011	100.3	1	NONE	1	1108251
1108251-5	SMP	SN 7	SOIL	8/17/2011	47.69	1	NONE	1	1108251
1108251-6	SMP	SN 8	SOIL	8/16/2011	100.43	1	NONE	1	1108251
1108251-7	SMP	SN 11	SOIL	8/16/2011	100.77	1	NONE	1	1108251
1108251-8	SMP	SN 12	SOIL	8/17/2011	97.02	1	NONE	1	1108251
1108251-9	SMP	SN 13	SOIL	8/17/2011	94.95	1	NONE	1	1108251

In generating this benchsheet, prep analyst states that all aspects of sample preparation as set forth in the appropriate SOP's (including Kuderna-Danish temperatures, proper flow settings on the N-evap, and final volumes) were properly adhered to (unless otherwise noted herein).

QC Types

CAR	Carrier reference sample	DUP	Laboratory Duplicate
LCS	Laboratory Control Sample	LCSD	Laboratory Control Sample Duplicat
MB	Method Blank	MS	Laboratory Matrix Spike
MSD	Laboratory Matrix Spike Duplicate	REP	Sample replicate
RVS	Reporting Level Verification Standar	SMP	Field Sample
SYS	Sample Yield Spike		



Sample Raw Data

066034

PAINT FILTERS TEST WORKSHEET

Method SW 9095	SOP 658	Rev 89	Batch Nos. EX110926-11	Extr. Date/Time 9/26/11 13:20-13:30	Balance ID #2, 33 Initials JLR
Workorder/Sample No.	Sample Size (grams or mLs)	Amount of Filtrate Collected (grams or mLs)	Result (Positive or Negative)	Comments	
1108251 -1	100.02	0.18	Positive		
-2	100.94	0.17	↓		
-3	100.10	0.55			
-4	100.30	0.07			
-5	47.69	0.07			
-6	100.43	0.40			
-7	100.77	0.06			
-8	97.02	0.23			
-9	94.95	0.15			
-10	78.02	0.004			
-11	89.11	0.09			
-7 DUP	100.05	0.07			
7A 9/26/11					

Reviewed by / date EA 9/26/11