

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

RECEIVED
12/6/2011

1. OGCC Operator Number: 96850	4. Contact Name: Karolina Blaney	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Williams Production RMT Company	Phone: 970-683-2295	
3. Address: 1058 County road 215 City: Parachute State: CO Zip: 81635	Fax: 970-285-9573	
5. API Number 05-045-13114	OGCC Facility ID Number 334781	Survey Plat
6. Well/Facility Name: Fossil Creek	7. Well/Facility Number RWF 11-6	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWNW, Sec 6, 7S, 94W, 6th		Surface Eqpm Diagram
9. County: Garfield	10. Field Name: Rulison	Technical Info Page
11. Federal, Indian or State Lease Number:		Other

General Notice

☐ **CHANGE OF LOCATION:** Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	FNL/FSL	FEL/FWL
Change of Surface Footage to Exterior Section Lines:		
Change of Bottomhole Footage from Exterior Section Lines:		
Change of Bottomhole Footage to Exterior Section Lines:		
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer		attach directional survey

Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____
Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No ☐
Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

GPS DATA:

Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____

☐ CHANGE SPACING UNIT

Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____

☐ Remove from surface bond

Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):

Effective Date: _____

Plugging Bond: ☐ Blanket ☐ Individual☐ CHANGE WELL NAME

NUMBER

From: _____

To: _____

Effective Date: _____

☐ ABANDONED LOCATION:Was location ever built? ☐ Yes ☐ NoIs site ready for inspection? ☐ Yes ☐ No

Date Ready for Inspection: _____

☐ NOTICE OF CONTINUED SHUT IN STATUS

Date well shut in or temporarily abandoned: _____

Has Production Equipment been removed from site? ☐ Yes ☐ No

MIT required if shut in longer than two years. Date of last MIT _____

☐ SPUD DATE: _____☐ REQUEST FOR CONFIDENTIAL STATUS (8 mos from date casing set)☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK

*submit cbl and cement job summaries

Method used _____ Cementing tool setting/perf depth _____ Cement volume _____ Cement top _____ Cement bottom _____ Date _____

☐ RECLAMATION:

Attach technical page describing final reclamation procedures per Rule 1004.

Final reclamation will commence on approximately _____

☐ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

☐ Notice of Intent

Approximate Start Date: _____

☐ Report of Work Done

Date Work Completed: _____

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

☐ Intent to Recomplete (submit form 2)☐ Request to Vent or Flare☐ E&P Waste Disposal☐ Change Drilling Plans☐ Repair Well☐ Beneficial Reuse of E&P Waste☐ Gross Interval Changed?☐ Rule 502 variance requested☒ Status Update/Change of Remediation Plans☐ Casing/Cementing Program Change☐ Other: _____

for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Karolina Blaney

Date: 12/6/2011

Email: karolina.blaney@williams.com

Print Name: Karolina Blaney

Title: Environmental Specialist

COGCC Approved: Chris Campbell

Title: FOR

Date: 06/04/2012

CONDITIONS OF APPROVAL, IF ANY:

Chris Campbell

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 96850 API Number: 05-045-13114
2. Name of Operator: Williams Production RMT Company OGCC Facility ID #
3. Well/Facility Name: Fossil Creek Well/Facility Number: RWF 11-6
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW, Sec 6, 7S, 94W, 6th

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

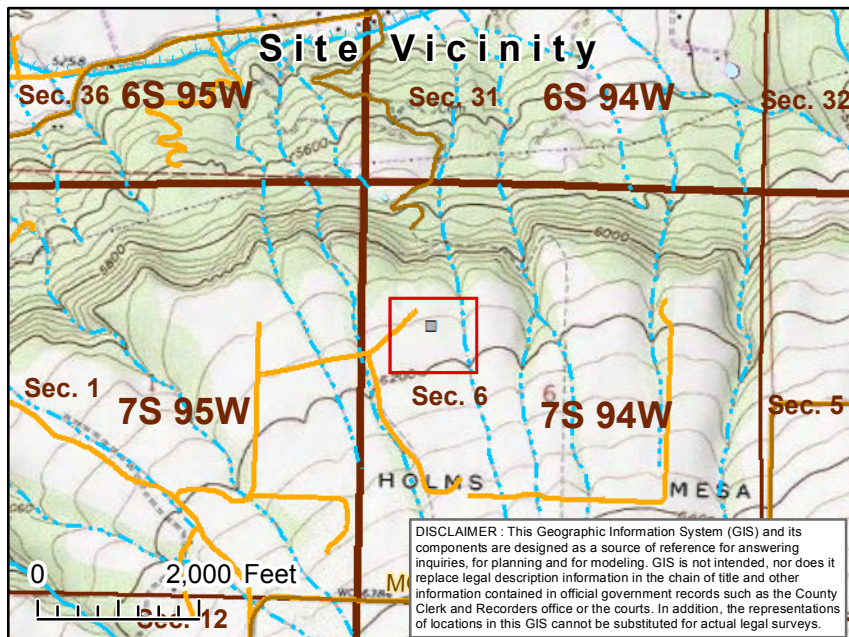
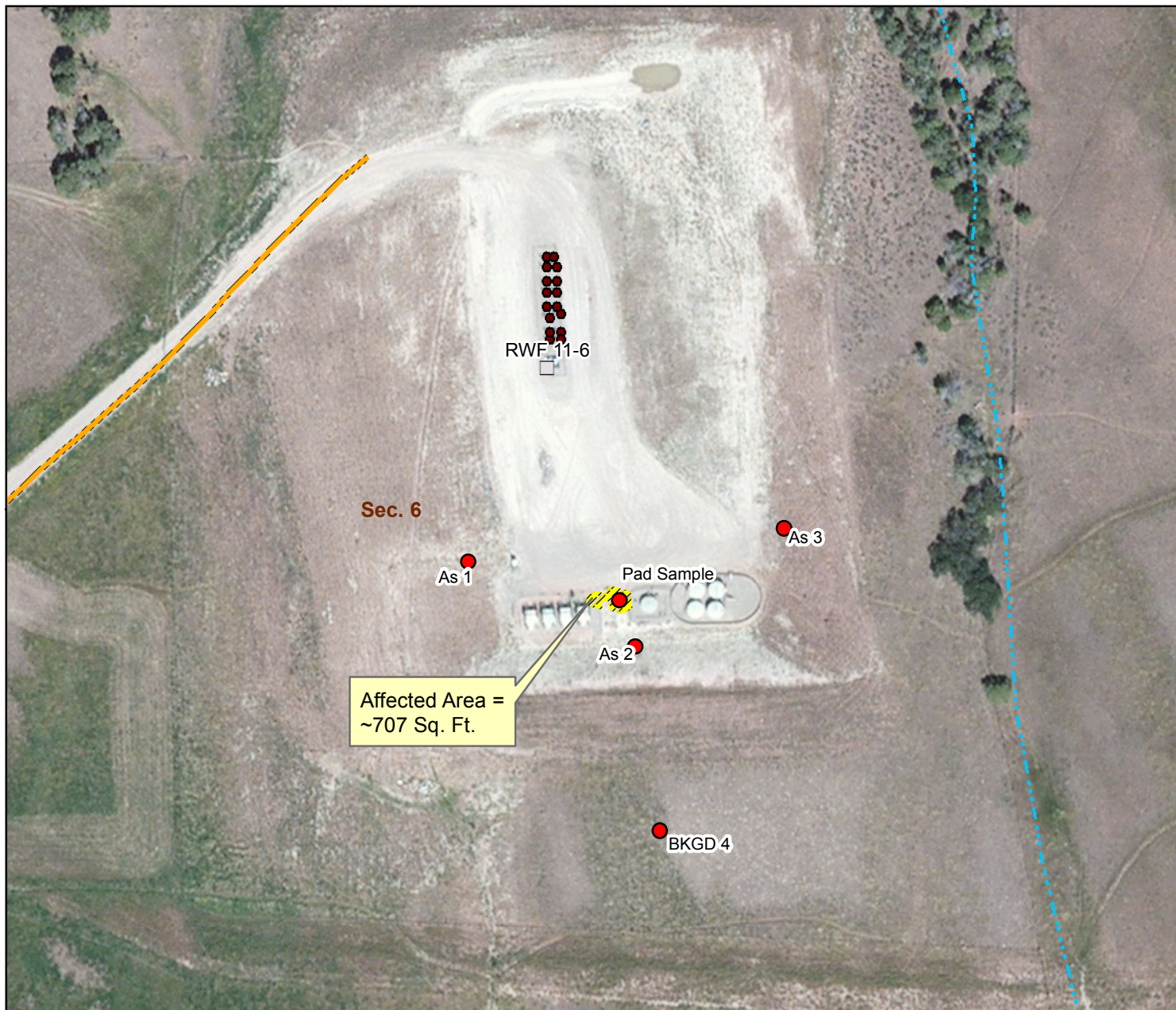
Williams Production is submitting the analytical data for the Fossil Creek RWF 11-6 as requested by the COGCC on July 20, 2010. The release occurred on July 8, 2010. The incident tracking number for the release is 2607887. The impacted area was sampled on July 28, 2010. Refer to the attached map for the sampling locations. Analytical results were well below Table 910-1. Three background arsenic samples were also collected off the pad. In order to comply with a COGCC request, two additinal samples were collected in November of 2011 and analyzed for SAR, EC, and pH. One sample was collected on the pad in the area impacted by the release and the other was collected off the pad. The sample collected on the pad was just over the standard of 12 for SAR. However, it is anticipated that the SAR levels on the pad will continue to naturally attenuate over time through natural precipitation events. When the pad is slated for final closure and reclamation, the SAR values on the pad will be addressed. The additional sample location is also included on the attached map. Williams would like to close this incident out if approved by the COGCC. A copy of the analytical results is included with the Form 4 for reference.

Below are the analytical results for arsenic on the pad and background locations.

RWF 11-6 Well Pad	Depth collected 0-12 inches	4.5 mg/Kg
Background Location 1	Depth collected 0-12 inches	6.1 mg/Kg
Background Location 2	Depth collected 0-12 inches	10.9 mg/Kg
Background Location 3	Depth collected 0-12 inches	5.1 mg/Kg

Below are the analytical results for SAR on the pad and the background location.

On Site Pad Sample	Depth collected 0-12 inches	12.3 mg/Kg
BKGD 4 (Off Pad)	Depth collected 0-12 inches	0.8 mg/Kg



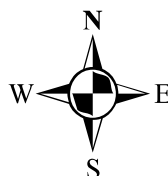
Attachment A--Sample Location Map

Location: RWF 11-6

Williams Production RMT

Legend

- Sample Location
- PLSS**
 - ▭ Township
 - ▭ Section
- Transportation Features**
 - Highways
 - Public Roads
 - Williams Access Roads
- Hydrographic Features**
 - Perennial Stream
 - Intermittent Stream
 - Ditch/Canal



0 37.5 75 150 Feet





08/24/10

Technical Report for

HRL Compliance Solutions

RWF 11-6 Sierra Chemicals Job #10-412

Accutest Job Number: D15878

Sampling Date: 07/28/10

Report to:

HRL Compliance Solutions
744 Horizon Court Suite 140
Grand Junction, CO 81506
mmumby@hrlcomp.com

ATTN: Mark Mumby

Total number of pages in report: **65**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Jesse L. Smith
Laboratory Director

Client Service contact: Shea Greiner 303-425-6021

Certifications: CO, ID, NE, NM, ND (R-027) (PW) UT (NELAP CO00049)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

HRL Compliance Solutions

Job No: D15878

RWF 11-6 Sierra Chemicals Job #10-412

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D15878-1	07/28/10	10:40 MEM	08/04/10	SO	Soil	RWF 11-6 PAD
D15878-2	07/28/10	10:50 MEM	08/04/10	SO	Soil	BKGD AS LOC 1
D15878-3	07/28/10	10:55 MEM	08/04/10	SO	Soil	BKGD AS LOC 2
D15878-4	07/28/10	11:00 MEM	08/04/10	SO	Soil	BKGD AS LOC 3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: HRL Compliance Solutions**Job No** D15878**Site:** RWF 11-6 Sierra Chemicals Job #10-412**Report Dat** 8/19/2010 8:29:07 AM

On 08/04/2010, 4 sample(s), 0 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 3 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D15878 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix SO**Batch ID:** V3V333

- All samples were analyzed within the recommended method holding time.
- Samples D15877-1MS and D15877-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270C BY SIM

Matrix SO**Batch ID:** OP2286

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Samples D15823-2MS and D15823-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Volatiles by GC By Method SW846 8015B

Matrix SO**Batch ID:** GGA473

- All samples were analyzed within the recommended method holding time.
- Samples D15829-1MS and D15829-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846-8015B

Matrix SO**Batch ID:** OP2290

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Samples D15878-1MS and D15878-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010B

Matrix SO	Batch ID: MP2601
------------------	-------------------------

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Samples D15877-1MS, D15877-1MSD, and D15877-1SDL were used as the QC samples for the metals analysis.
- The serial dilution RPDs for Barium, Cadmium, Chromium, Lead, Nickel, Selenium, and Zinc are outside control limits for sample MP2601-SD1. The percent differences are acceptable for Cadmium and Selenium due to low initial sample concentration (< 50 times IDL).
- MP2601-SD1 for Barium, Chromium, Lead, Nickel, and Zinc : Serial dilution indicates possible matrix interference.

Metals By Method SW846 6020

Matrix SO	Batch ID: MP2602
------------------	-------------------------

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Samples D15877-1MS, D15877-1MSD, and D15877-1SDL were used as the QC samples for the metals analysis.

Metals By Method SW846 7471A

Matrix SO	Batch ID: MP2621
------------------	-------------------------

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Samples D15875-1MS and D15875-1MSD were used as the QC samples for the Mercury analysis.

Wet Chemistry By Method ASTM E1498-76M

Matrix SO	Batch ID: M:GN32554
------------------	----------------------------

- The data for ASTM E1498-76M meets quality control requirements.
- The following samples were run outside of holding time for method ASTM E1498-76M: D15878-1
- Redox Potential Vs H2: Analysis performed at Accutest Laboratories, Marlborough, MA.

Wet Chemistry By Method SM19 2540B M

Matrix SO	Batch ID: GN5754
------------------	-------------------------

- The data for SM19 2540B M meets quality control requirements.

Wet Chemistry By Method SW846 3060/7196A M

Matrix SO	Batch ID: R3836
------------------	------------------------

- The data for SW846 3060/7196A M meets quality control requirements.
- Trivalent Chromium, : Calculated as: (Chromium) - (Hexavalent Chromium)

Wet Chemistry By Method SW846 3060A/7196A

Matrix SO	Batch ID: M:GP11903
------------------	----------------------------

- The data for SW846 3060A/7196A meets quality control requirements.
- Hexavalent Chromium: Analysis performed at Accutest Laboratories, Marlborough, MA.

Wet Chemistry By Method SW846 9045C

Matrix SO

Batch ID: GN5713

- The following samples were run outside of holding time for method SW846 9045C: D15878-1
- D15878-1 for pH: Received outside of holding time.

AMS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting AMS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

AMS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by AMS indicated via signature on the report cover.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Accutest Mountain States**Job No** D15878**Site:** HRLCCOGJ: RWF 11-6 Sierra Chemicals Job #10-412**Report Date** 8/18/2010 10:37:12 AM

1 Sample was collected on 07/28/2010 and were received at Accutest on 08/04/2010 properly preserved, at 2.1 Deg. C and intact. These Samples received an Accutest job number of D15878. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Wet Chemistry By Method ASTM E1498-76M

Matrix SO**Batch ID:** GN32554

- Sample(s) D15823-1DUP were used as the QC samples for Redox Potential Vs H2.

Wet Chemistry By Method SW846 3060A/7196A

Matrix SO**Batch ID:** GP11903

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D15875-3DUP, D15875-3MS were used as the QC samples for Chromium, Hexavalent.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(D15878).



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	RWF 11-6 PAD	Date Sampled:	07/28/10
Lab Sample ID:	D15878-1	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	96.9
Method:	SW846 8260B		
Project:	RWF 11-6 Sierra Chemicals Job #10-412		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V06349.D	1	08/09/10	DC	n/a	n/a	V3V333
Run #2							

	Initial Weight
Run #1	1.00 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.2	1.5	ug/kg	
108-88-3	Toluene	8.2	10	5.2	ug/kg	J
100-41-4	Ethylbenzene	ND	10	2.1	ug/kg	
	m,p-Xylene	8.4	21	3.6	ug/kg	J
95-47-6	o-Xylene	ND	10	3.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	73%		70-130%
17060-07-0	1,2-Dichloroethane-D4	94%		70-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWF 11-6 PAD		
Lab Sample ID:	D15878-1	Date Sampled:	07/28/10
Matrix:	SO - Soil	Date Received:	08/04/10
Method:	SW846 8270C BY SIM SW846 3540C	Percent Solids:	96.9
Project:	RWF 11-6 Sierra Chemicals Job #10-412		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G01775.D	2	08/18/10	TMB	08/05/10	OP2286	E3G48
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	14	13	ug/kg	
208-96-8	Acenaphthylene	ND	69	14	ug/kg	
120-12-7	Anthracene	ND	14	8.9	ug/kg	
56-55-3	Benzo(a)anthracene	ND	14	13	ug/kg	
50-32-8	Benzo(a)pyrene	ND	14	8.7	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	14	10	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	14	8.6	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	14	8.7	ug/kg	
218-01-9	Chrysene	ND	14	6.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	14	10	ug/kg	
206-44-0	Fluoranthene	ND	14	8.5	ug/kg	
86-73-7	Fluorene	ND	14	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	14	9.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	14	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	69	21	ug/kg	
91-20-3	Naphthalene	ND	69	15	ug/kg	
85-01-8	Phenanthrene	ND	14	11	ug/kg	
129-00-0	Pyrene	ND	14	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		10-193%
321-60-8	2-Fluorobiphenyl	66%		20-138%
1718-51-0	Terphenyl-d14	70%		17-174%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWF 11-6 PAD		
Lab Sample ID:	D15878-1	Date Sampled:	07/28/10
Matrix:	SO - Soil	Date Received:	08/04/10
Method:	SW846 8015B	Percent Solids:	96.9
Project:	RWF 11-6 Sierra Chemicals Job #10-412		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA8081.D	1	08/05/10	KV	n/a	n/a	GGA473
Run #2							

	Initial Weight
Run #1	1.0 g
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	1.0	1.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
120-82-1	1,2,4-Trichlorobenzene	76%		60-140%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWF 11-6 PAD		Date Sampled:	07/28/10
Lab Sample ID:	D15878-1		Date Received:	08/04/10
Matrix:	SO - Soil		Percent Solids:	96.9
Method:	SW846-8015B SW846 3550B			
Project:	RWF 11-6 Sierra Chemicals Job #10-412			

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FD3219.D	1	08/05/10	CP	08/05/10	OP2290	GFD152
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	55.9	14	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
84-15-1	o-Terphenyl	124%		63-130%	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RWF 11-6 PAD**Lab Sample ID:** D15878-1**Matrix:** SO - Soil**Date Sampled:** 07/28/10**Date Received:** 08/04/10**Percent Solids:** 96.9**Project:** RWF 11-6 Sierra Chemicals Job #10-412

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	4.5	0.29	mg/kg	5	08/16/10	08/16/10 GJ	SW846 6020 ³	SW846 3050B ⁵
Barium	1700	0.74	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Cadmium	< 0.74	0.74	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Chromium	10.5	0.74	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Copper	10.6	0.37	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Lead	10.7	3.7	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Mercury	< 0.099	0.099	mg/kg	1	08/16/10	08/16/10 JM	SW846 7471A ²	SW846 7471A ⁶
Nickel	11.7	2.2	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Selenium	< 3.7	3.7	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Silver	< 2.2	2.2	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴
Zinc	43.3	2.2	mg/kg	1	08/16/10	08/16/10 JM	SW846 6010B ¹	SW846 3050B ⁴

(1) Instrument QC Batch: MA901

(2) Instrument QC Batch: MA903

(3) Instrument QC Batch: MA904

(4) Prep QC Batch: MP2601

(5) Prep QC Batch: MP2602

(6) Prep QC Batch: MP2621

RL = Reporting Limit

Report of Analysis

Client Sample ID: RWF 11-6 PAD**Lab Sample ID:** D15878-1**Matrix:** SO - Soil**Project:** RWF 11-6 Sierra Chemicals Job #10-412**Date Sampled:** 07/28/10**Date Received:** 08/04/10**Percent Solids:** 96.9**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent ^a	< 2.1	2.1	mg/kg	1	08/14/10 12:25	AMA	SW846 3060A/7196A
Chromium, Trivalent ^b	10.0	2.8	mg/kg	1	08/16/10 16:38	JM	SW846 3060/7196A M
Redox Potential Vs H2 ^a	218		mv	1	08/09/10	AMA	ASTM E1498-76M
Solids, Percent	96.9		%	1	08/06/10	SWT	SM19 2540B M
pH ^c	8.59		su	1	08/04/10 13:50	JD	SW846 9045C

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

(b) Calculated as: (Chromium) - (Chromium, Hexavalent)

(c) Received out of hold.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKGD AS LOC 1	Date Sampled:	07/28/10
Lab Sample ID:	D15878-2	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	99.1
Project:	RWF 11-6 Sierra Chemicals Job #10-412		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	6.1	0.32	mg/kg	5	08/16/10	08/16/10 GJ	SW846 6020 ¹	SW846 3050B ²

(1) Instrument QC Batch: MA904
(2) Prep QC Batch: MP2602

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKGD AS LOC 2	Date Sampled:	07/28/10
Lab Sample ID:	D15878-3	Date Received:	08/04/10
Matrix:	SO - Soil	Percent Solids:	93.5
Project:	RWF 11-6 Sierra Chemicals Job #10-412		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	10.9	0.31	mg/kg	5	08/16/10	08/16/10 GJ	SW846 6020 ¹	SW846 3050B ²

(1) Instrument QC Batch: MA904
(2) Prep QC Batch: MP2602

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKGD AS LOC 3	
Lab Sample ID:	D15878-4	Date Sampled: 07/28/10
Matrix:	SO - Soil	Date Received: 08/04/10
		Percent Solids: 97.6
Project:	RWF 11-6 Sierra Chemicals Job #10-412	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	5.1	0.31	mg/kg	5	08/16/10	08/16/10 GJ	SW846 6020 ¹	SW846 3050B ²

(1) Instrument QC Batch: MA904
(2) Prep QC Batch: MP2602

RL = Reporting Limit



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

4036 Youngfield Street, Wheat Ridge, Colorado 80033
TEL: 303-425-6021; 877-737-4521 FAX: 303-425-6854
www.accutest.com

D13878

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D15878: Chain of Custody

Page 1 of 1



GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 1

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V333-MB1	3V06344.D	1	08/09/10	DC	n/a	n/a	V3V333

The QC reported here applies to the following samples:

Method: SW846 8260B

D15878-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	10	2.0	ug/kg	
108-88-3	Toluene	ND	10	5.0	ug/kg	
	m,p-Xylene	ND	20	3.5	ug/kg	
95-47-6	o-Xylene	ND	10	3.5	ug/kg	

CAS No.	Surrogate Recoveries	Limits
2037-26-5	Toluene-D8	89% 70-130%
460-00-4	4-Bromofluorobenzene	76% 70-130%
17060-07-0	1,2-Dichloroethane-D4	93% 70-130%

Blank Spike Summary

Page 1 of 1

Job Number: D15878

Account: HRLCCOGJ HRL Compliance Solutions

Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3V333-BS1	3V06345.D	1	08/09/10	DC	n/a	n/a	V3V333

The QC reported here applies to the following samples:

Method: SW846 8260B

D15878-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	49.8	100	68-130
100-41-4	Ethylbenzene	50	52.5	105	70-130
108-88-3	Toluene	50	50.5	101	70-130
	m,p-Xylene	50	44.5	89	53-130
95-47-6	o-Xylene	50	45.7	91	61-130

CAS No.	Surrogate Recoveries	BSP	Limits
2037-26-5	Toluene-D8	86%	70-130%
460-00-4	4-Bromofluorobenzene	79%	70-130%
17060-07-0	1,2-Dichloroethane-D4	94%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D15877-1MS	3V06347.D	1	08/09/10	DC	n/a	n/a	V3V333
D15877-1MSD	3V06348.D	1	08/09/10	DC	n/a	n/a	V3V333
D15877-1	3V06346.D	1	08/09/10	DC	n/a	n/a	V3V333

The QC reported here applies to the following samples:

Method: SW846 8260B

D15878-1

CAS No.	Compound	D15877-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		262	281	107	274	105	3	55-140/30
100-41-4	Ethylbenzene	ND		262	288	110	285	109	1	56-139/30
108-88-3	Toluene	5.6	J	262	290	109	286	107	1	57-144/30
	m,p-Xylene	10.3	J	262	256	94	245	90	4	47-130/30
95-47-6	o-Xylene	ND		262	246	94	239	91	3	51-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D15877-1	Limits
2037-26-5	Toluene-D8	89%	88%	91%	70-130%
460-00-4	4-Bromofluorobenzene	73%	74%	70%	70-130%
17060-07-0	1,2-Dichloroethane-D4	93%	93%	90%	70-130%



GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 1

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2286-MB	3G01757.D	1	08/17/10	TMB	08/05/10	OP2286	E3G48

The QC reported here applies to the following samples:

Method: SW846 8270C BY SIM

D15878-1

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	6.7	6.2	ug/kg	
208-96-8	Acenaphthylene	ND	33	6.9	ug/kg	
120-12-7	Anthracene	ND	6.7	4.3	ug/kg	
56-55-3	Benzo(a)anthracene	ND	6.7	6.5	ug/kg	
50-32-8	Benzo(a)pyrene	ND	6.7	4.2	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	6.7	4.8	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	6.7	4.2	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	6.7	4.2	ug/kg	
218-01-9	Chrysene	ND	6.7	3.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	6.7	4.9	ug/kg	
206-44-0	Fluoranthene	ND	6.7	4.1	ug/kg	
86-73-7	Fluorene	ND	6.7	6.5	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	6.7	4.4	ug/kg	
90-12-0	1-Methylnaphthalene	ND	6.7	5.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	33	10	ug/kg	
91-20-3	Naphthalene	ND	33	7.4	ug/kg	
85-01-8	Phenanthrene	ND	6.7	5.3	ug/kg	
129-00-0	Pyrene	ND	6.7	4.5	ug/kg	

CAS No.	Surrogate Recoveries	Limits
4165-60-0	Nitrobenzene-d5	60% 10-193%
321-60-8	2-Fluorobiphenyl	59% 20-138%
1718-51-0	Terphenyl-d14	79% 17-174%

Blank Spike Summary

Page 1 of 1

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2286-BS	3G01758.D	1	08/17/10	TMB	08/05/10	OP2286	E3G48

The QC reported here applies to the following samples:

Method: SW846 8270C BY SIM

D15878-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	83.3	51.4	62	40-136
208-96-8	Acenaphthylene	83.3	51.0	61	42-139
120-12-7	Anthracene	83.3	53.9	65	40-141
56-55-3	Benzo(a)anthracene	83.3	57.2	69	38-143
50-32-8	Benzo(a)pyrene	83.3	55.1	66	39-145
205-99-2	Benzo(b)fluoranthene	83.3	57.7	69	38-151
191-24-2	Benzo(g,h,i)perylene	83.3	59.9	72	35-136
207-08-9	Benzo(k)fluoranthene	83.3	55.5	67	38-147
218-01-9	Chrysene	83.3	57.4	69	39-137
53-70-3	Dibenzo(a,h)anthracene	83.3	58.7	70	35-139
206-44-0	Fluoranthene	83.3	54.7	66	34-132
86-73-7	Fluorene	83.3	51.3	62	41-136
193-39-5	Indeno(1,2,3-cd)pyrene	83.3	54.3	65	31-144
90-12-0	1-Methylnaphthalene	83.3	51.8	62	36-130
91-57-6	2-Methylnaphthalene	83.3	50.6	61	40-131
91-20-3	Naphthalene	83.3	51.0	61	36-130
85-01-8	Phenanthrene	83.3	53.8	65	40-135
129-00-0	Pyrene	83.3	56.2	67	29-157

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	62%	10-193%
321-60-8	2-Fluorobiphenyl	61%	20-138%
1718-51-0	Terphenyl-d14	70%	17-174%

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2286-MS	3G01770.D	2	08/18/10	TMB	08/05/10	OP2286	E3G48
OP2286-MSD	3G01771.D	2	08/18/10	TMB	08/05/10	OP2286	E3G48
D15823-2	3G01765.D	2	08/18/10	TMB	08/05/10	OP2286	E3G48

The QC reported here applies to the following samples:

Method: SW846 8270C BY SIM

D15878-1

CAS No.	Compound	D15823-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		89.7	54.3	61	55.1	61	1	20-151/30
208-96-8	Acenaphthylene	ND		89.7	57.0	64	55.6	62	2	23-156/30
120-12-7	Anthracene	ND		89.7	54.8	61	54.8	61	0	25-149/30
56-55-3	Benzo(a)anthracene	ND		89.7	60.7	68	62.5	70	3	22-157/30
50-32-8	Benzo(a)pyrene	ND		89.7	55.6	62	56.8	63	2	23-153/30
205-99-2	Benzo(b)fluoranthene	ND		89.7	60.0	67	62.0	69	3	22-161/30
191-24-2	Benzo(g,h,i)perylene	ND		89.7	54.4	61	56.0	62	3	20-158/30
207-08-9	Benzo(k)fluoranthene	ND		89.7	54.1	60	56.4	63	4	17-161/30
218-01-9	Chrysene	ND		89.7	56.6	63	58.8	66	4	16-159/30
53-70-3	Dibenzo(a,h)anthracene	ND		89.7	55.1	61	56.7	63	3	21-154/30
206-44-0	Fluoranthene	ND		89.7	57.8	64	59.4	66	3	16-140/30
86-73-7	Fluorene	ND		89.7	57.8	64	59.2	66	2	15-153/30
193-39-5	Indeno(1,2,3-cd)pyrene	ND		89.7	58.7	65	55.5	62	6	21-159/30
90-12-0	1-Methylnaphthalene	ND		89.7	56.4	63	54.9	61	3	10-148/30
91-57-6	2-Methylnaphthalene	ND		89.7	59.4	66	60.6	68	2	10-181/30
91-20-3	Naphthalene	ND		89.7	61.6	69	59.0	66	4	10-176/30
85-01-8	Phenanthrene	ND		89.7	56.7	63	57.8	64	2	22-152/30
129-00-0	Pyrene	ND		89.7	59.0	66	59.6	66	1	10-200/30

CAS No.	Surrogate Recoveries	MS	MSD	D15823-2	Limits
4165-60-0	Nitrobenzene-d5	66%	64%	63%	10-193%
321-60-8	2-Fluorobiphenyl	62%	61%	60%	20-138%
1718-51-0	Terphenyl-d14	67%	67%	64%	17-174%



GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA473-MB	GA8068.D	1	08/05/10	KV	n/a	n/a	GGA473

The QC reported here applies to the following samples: Method: SW846 8015B

D15878-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	1.0	1.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
120-82-1	1,2,4-Trichlorobenzene	102% 60-140%

Blank Spike Summary

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA473-BS	GA8069.D	1	08/05/10	KV	n/a	n/a	GGA473

The QC reported here applies to the following samples: Method: SW846 8015B

D15878-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	11	10.3	94	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
120-82-1	1,2,4-Trichlorobenzene	110%	60-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D15829-1MS	GA8071.D	1	08/05/10	KV	n/a	n/a	GGA473
D15829-1MSD	GA8072.D	1	08/05/10	KV	n/a	n/a	GGA473
D15829-1	GA8070.D	1	08/05/10	KV	n/a	n/a	GGA473

The QC reported here applies to the following samples: Method: SW846 8015B

D15878-1

CAS No.	Compound	D15829-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		12.6	11.0	87	11.6	92	5	62-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D15829-1	Limits
120-82-1	1,2,4-Trichlorobenzene	110%	118%	94%	60-140%

7.3.1
7



GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2290-MB	FD3215.D	1	08/05/10	CP	08/05/10	OP2290	GFD152

The QC reported here applies to the following samples: Method: SW846-8015B

D15878-1

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	13	mg/kg	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	114% 63-130%

8.1.1
8

Blank Spike Summary

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2290-BS	FD3216.D	1	08/05/10	CP	08/05/10	OP2290	GFD152

The QC reported here applies to the following samples: Method: SW846-8015B

D15878-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	667	811	122	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	117%	63-130%

8.2.1
8

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D15878
Account: HRLCCOGJ HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2290-MS	FD3217.D	1	08/05/10	CP	08/05/10	OP2290	GFD152
OP2290-MSD	FD3218.D	1	08/05/10	CP	08/05/10	OP2290	GFD152
D15878-1	FD3219.D	1	08/05/10	CP	08/05/10	OP2290	GFD152

The QC reported here applies to the following samples: Method: SW846-8015B

D15878-1

CAS No.	Compound	D15878-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	55.9		687	777	105	935	128	18	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D15878-1	Limits
84-15-1	o-Terphenyl	103%	122%	124%	63-130%



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 08/16/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.7	2		
Antimony	3.0	.17	.5		
Arsenic	2.5	.28	.72		
Barium	1.0	.014	.05	0.12	<1.0
Beryllium	1.0	.14	.21		
Boron	5.0	.35	.91		
Cadmium	1.0	.022	.12	0.020	<1.0
Calcium	40	1.7	2.7		
Chromium	1.0	.027	.18	0.080	<1.0
Cobalt	0.50	.048	.058		
Copper	0.50	.16	.38	0.28	<0.50
Iron	7.0	.77	.91		
Lead	5.0	.13	.24	0.10	<5.0
Lithium	0.20	.076	.09		
Magnesium	20	.58	.93		
Manganese	0.50	.021	.028		
Molybdenum	1.0	.041	.16		
Nickel	3.0	.038	.075	0.050	<3.0
Phosphorus	10	1.5	3.5		
Potassium	200	38	130		
Selenium	5.0	.28	.54	-0.16	<5.0
Silicon	5.0	1.2	.68		
Silver	3.0	.098	.068	-0.10	<3.0
Sodium	40	23	6.3		
Strontium	5.0	.0091	.02		
Thallium	1.0	.31	.21		
Tin	5.0	1.4	.56		
Titanium	1.0	.0098	.041		
Uranium	5.0	.22	.53		
Vanadium	1.0	.027	.034		
Zinc	3.0	.076	.49	1.0	<3.0

Associated samples MP2601: D15878-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 08/16/10

Metal	D15877-1 Original MS		Spikelot MPICPALL % Rec		QC Limits
Aluminum					
Antimony					
Arsenic	anr				
Barium	1220	1410	158	119.9	75-125
Beryllium					
Boron					
Cadmium	0.68	33.4	39.6	82.6	75-125
Calcium					
Chromium	12.5	45.9	39.6	84.3	75-125
Cobalt					
Copper	21.0	59.0	39.6	95.9	75-125
Iron					
Lead	13.5	74.6	79.2	77.1	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum	anr				
Nickel	16.6	46.9	39.6	76.5	75-125
Phosphorus	anr				
Potassium	anr				
Selenium	2.2	64.2	79.2	78.2	75-125
Silicon					
Silver	0.0	12.9	15.8	81.4	75-125
Sodium	anr				
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	69.9	102	39.6	81.0	75-125

Associated samples MP2601: D15878-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 08/16/10

Metal	D15877-1 Original	MSD	Spikelot MPICPAL	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	anr					
Barium	1220	1410	155	122.6	0.0	20
Beryllium						
Boron						
Cadmium	0.68	33.0	38.7	83.4	1.2	20
Calcium						
Chromium	12.5	45.3	38.7	84.7	1.3	20
Cobalt						
Copper	21.0	58.4	38.7	96.5	1.0	20
Iron						
Lead	13.5	73.9	77.5	78.0	0.9	20
Lithium						
Magnesium						
Manganese						
Molybdenum	anr					
Nickel	16.6	46.7	38.7	77.7	0.4	20
Phosphorus	anr					
Potassium	anr					
Selenium	2.2	63.4	77.5	79.0	1.3	20
Silicon						
Silver	0.0	12.6	15.5	81.3	2.4	20
Sodium	anr					
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	69.9	102	38.7	82.9	0.0	20

Associated samples MP2601: D15878-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: D15878

Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412QC Batch ID: MP2601
Matrix Type: SOLIDMethods: SW846 6010B
Units: mg/kg

Prep Date: 08/16/10

Metal	BSP Result	Spikelot MPICPALL	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	184	200	92.0	80-120
Beryllium				
Boron				
Cadmium	46.9	50	93.8	80-120
Calcium				
Chromium	49.7	50	99.4	80-120
Cobalt				
Copper	50.9	50	101.8	80-120
Iron				
Lead	95.3	100	95.3	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum	anr			
Nickel	47.5	50	95.0	80-120
Phosphorus	anr			
Potassium	anr			
Selenium	91.4	100	91.4	80-120
Silicon				
Silver	18.3	20	91.5	80-120
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	48.9	50	97.8	80-120

Associated samples MP2601: D15878-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:

Metal

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: ug/l

Prep Date: 08/16/10

Metal	D15877-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	15500	17800	14.5*(a)	0-10
Beryllium				
Boron				
Cadmium	8.60	10.0	16.3 (b)	0-10
Calcium				
Chromium	158	191	20.3*(a)	0-10
Cobalt				
Copper	267	286	7.0	0-10
Iron				
Lead	172	210	22.0*(a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum	anr			
Nickel	212	266	25.6*(a)	0-10
Phosphorus	anr			
Potassium	anr			
Selenium	28.5	39.5	38.6 (b)	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	889	1170	31.0*(a)	0-10

Associated samples MP2601: D15878-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2601
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

- (anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.
(b) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

9.1.4

9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2602
Matrix Type: SOLID

Methods: SW846 6020
Units: mg/kg

Prep Date: 08/16/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.14	.89		
Antimony	0.20	.001	.045		
Arsenic	0.40	.049	.26	-0.0049	<0.40
Barium	1.0	.0035	.17		
Beryllium	0.10	.0075	.014		
Boron	20	.97	2		
Cadmium	0.050	.023	.048		
Calcium	200	1.8	6.1		
Chromium	1.0	.021	.23		
Cobalt	0.10	.0033	.088		
Copper	1.0	.011	.14		
Iron	20	.81	6.1		
Lead	0.25	.0012	.18		
Magnesium	50	.067	1.3		
Manganese	0.50	.007	.089		
Molybdenum	0.50	.0044	.2		
Nickel	1.0	.0029	.074		
Phosphorus	30	1.8	5.6		
Potassium	100	2	9.1		
Selenium	0.20	.075	.14		
Silver	0.050	.0008	.029		
Sodium	250	.8	1.8		
Strontium	10	.004	.047		
Thallium	0.10	.015	.071		
Tin	5.0	.006	.17		
Titanium	1.0	.035	.071		
Uranium	0.25	.00038	.12		
Vanadium	2.0	.052	.99		
Zinc	5.0	.039	.53		

Associated samples MP2602: D15878-1, D15878-2, D15878-3, D15878-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2602
 Matrix Type: SOLID

Methods: SW846 6020
 Units: mg/kg

Prep Date: 08/16/10

Metal	D15877-1 Original MS		Spikelot MPICPALL % Rec		QC Limits
Aluminum					
Antimony					
Arsenic	9.9	81.6	79.2	90.5	60-119
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP2602: D15878-1, D15878-2, D15878-3, D15878-4

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2602
 Matrix Type: SOLID

Methods: SW846 6020
 Units: mg/kg

Prep Date: 08/16/10

Metal	D15877-1 Original	MSD	Spikelot MPICPAL	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	9.9	84.7	77.5	96.5	3.7	20
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP2602: D15878-1, D15878-2, D15878-3, D15878-4

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2602
Matrix Type: SOLID

Methods: SW846 6020
Units: mg/kg

Prep Date: 08/16/10

Metal	BSP Result	Spikelot MPICPALL	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	104	100	104.0	80-120
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP2602: D15878-1, D15878-2, D15878-3, D15878-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2602
 Matrix Type: SOLID

Methods: SW846 6020
 Units: ug/l

Prep Date: 08/16/10

Metal	D15877-1			QC	
	Original	SDL 5:25	%DIF	Limits	
Aluminum					
Antimony					
Arsenic	126	134	6.3	0-10	
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP2602: D15878-1, D15878-2, D15878-3, D15878-4

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2621
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 08/16/10

Metal	RL	IDL	MDL	MB	
				raw	final
Mercury	0.10	.0011	.0012	-0.0044	<0.10

Associated samples MP2621: D15878-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2621
 Matrix Type: SOLID

Methods: SW846 7471A
 Units: mg/kg

Prep Date: 08/16/10

Metal	D15875-1		Spikelot		QC
	Original	MS	HGWSR1	% Rec	Limits
Mercury	0.026	0.42	0.427	92.3	85-115

Associated samples MP2621: D15878-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D15878
 Account: HRLCCOGJ - HRL Compliance Solutions
 Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2621
 Matrix Type: SOLID

Methods: SW846 7471A
 Units: mg/kg

Prep Date: 08/16/10

Metal	D15875-1 Original MSD		Spikelot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.026	0.35	0.381	85.0	18.2	20

Associated samples MP2621: D15878-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

QC Batch ID: MP2621
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 08/16/10

Metal	BSP Result	Spikelot HGWSR1	% Rec	QC Limits
-------	---------------	--------------------	-------	--------------

Mercury	0.35	0.4	87.5	80-120
---------	------	-----	------	--------

Associated samples MP2621: D15878-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D15878
Account: HRLCCOGJ - HRL Compliance Solutions
Project: RWF 11-6 Sierra Chemicals Job #10-412

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
pH	GN5713			su	8.00	8.01	100.1	99.3-100.7%
pH	GN5713			su	8.00	8.01	100.1	99.3-100.7%

Associated Samples:
Batch GN5713: D15878-1
(*) Outside of QC limits



Misc. Forms

Custody Documents and Other Forms

(Accutest Labs of New England, Inc.)

Includes the following where applicable:

- Chain of Custody



4036 Youngfield St., Wheat Ridge, CO 80033
303-425-6021 FAX: 303-425-6854

Project No.:

loc 1017

59 of 65
ACCUTEST.
D15878 Laboratories



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D15878

Client: AMS

Immediate Client Services Action Required: No

Date / Time Received: 8/5/2010 9:30:00 AM

No. Coolers: 1

Client Service Action Required at Login: No

Project: SUB

Airbill #'s:

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | Infrared gun | |
| 3. Cooler media: | Ice (bag) | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume rec'd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

Accutest Laboratories
V: 508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www.accutest.com

D15878: Chain of Custody
Page 2 of 2



General Chemistry

QC Data Summaries

(Accutest Labs of New England, Inc.)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D15878
Account: ALMS - Accutest Mountain States
Project: HRLCCOGJ: RWF 11-6 Sierra Chemicals Job #10-412

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP11903/GN32611	2.0	0.0	mg/kg	40	40.4	101.0	80-120%
Chromium, Hexavalent	GP11903/GN32611			mg/kg	1620	1720	106.2	80-120%

Associated Samples:
Batch GP11903: D15878-1
(*) Outside of QC limits

BLANK SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D15878
Account: ALMS - Accutest Mountain States
Project: HRLCCOGJ: RWF 11-6 Sierra Chemicals Job #10-412

Analyte	Batch ID	Units	Spike Amount	BSD Result	RPD	QC Limit
Chromium, Hexavalent	GP11903/GN32611	mg/kg	40	38.9	3.7	

Associated Samples:
Batch GP11903: D15878-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D15878
Account: ALMS - Accutest Mountain States
Project: HRLCCOGJ: RWF 11-6 Sierra Chemicals Job #10-412

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP11903/GN32611	D15875-3	mg/kg	0.0	0.0	0.0	0-20%
Redox Potential Vs H2	GN32554	D15823-1	mv	303	276	9.3	0-20%

Associated Samples:
Batch GN32554: D15878-1
Batch GP11903: D15878-1
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D15878
Account: ALMS - Accutest Mountain States
Project: HRLCCOGJ: RWF 11-6 Sierra Chemicals Job #10-412

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP11903/GN32611	D15875-3	mg/kg	0.0	45.7	38.4	84.0	75-125%
Chromium, Hexavalent	GP11903/GN32611	D15875-3	mg/kg	0.0	1100	1120	101.7	75-125%

Associated Samples:
Batch GP11903: D15878-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits



08-Nov-2011

Mark Mumby
HRL Compliance Solutions
744 Horizon Ct. Suite 140
Grand Junction, CO 81506

Re: **Williams Sierra Chemical RWF 11-6 10/28/11**

Work Order: **1111080**

Dear Mark,

ALS Environmental received 1 sample on 02-Nov-2011 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 10.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Ann Preston".

Electronically approved by: Ann Preston

Ann Preston
Project Manager



Certificate No: IL100452

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental The ALS logo, which is a stylized blue triangle with a yellow flame inside.

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions
Project: Williams Sierra Chemical RWF 11-6 10/28/11
Work Order: 1111080

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1111080-01	BKGD 4	Soil		10/28/2011 12:50	11/2/2011 10:00	<input type="checkbox"/>

Client: HRL Compliance Solutions
Project: Williams Sierra Chemical RWF 11-6 10/28/11
WorkOrder: 1111080

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

<u>Units Reported</u>	<u>Description</u>
as noted	
s.u.	Standard Units

ALS Group USA, Corp

Date: 08-Nov-11

Client: HRL Compliance Solutions

Project: Williams Sierra Chemical RWF 11-6 10/28/11

Work Order: 1111080

Sample ID: BKGD 4

Lab ID: 1111080-01

Collection Date: 10/28/2011 12:50 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
SUBCONTRACTED ANALYSES			SUBCONTRACT			Analyst: A&LGL
Subcontracted Analyses	Rcvd 11/5/11			as noted	1	11/5/2011
PH			SW9045D			Analyst: JJG
pH	8.19			s.u.	1	11/2/2011 08:40 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Report Number: F11307-0731

Account Number: 91000

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, Indiana 46808-4413 • Phone 260-483-4759 • Fax 260-483-5274

www.algreatlakes.com • lab@algreatlakes.com



QUALITY ANALYSES FOR INFORMED DECISIONS

TO: ALS LABORATORY GROUP
3352 128TH AVE
HOLLAND, MI 49424-9263

RE: 1111080

DATE RECEIVED: 11/03/2011

DATE REPORTED: 11/05/2011

PAGE: 1

P.O. NUMBER: 20-122011149

ATTN: ANN PRESTON

REPORT OF ANALYSIS

LAB NO.	SAMPLE ID	ANALYSIS	RESULT	UNIT	METHOD
43751	01B	Sat'd Paste Extraction with DIW	1		USDA Handbook 60
		Conductivity (ECe)	0.44	mmho/cm	USDA Handbook 60
		Calcium (Sat'd Paste)	73	ppm	USDA Handbook 60
		Magnesium (Sat'd Paste)	11	ppm	USDA Handbook 60
		Sodium (Sat'd Paste)	28	ppm	USDA Handbook 60
		Sodium Adsorption Ratio	0.8	-	USDA Handbook 60

Client: HRL Compliance Solutions

Work Order: 1111080

Project: Williams Sierra Chemical RWF 11-6 10/28/11

QC BATCH REPORT

Batch ID: R97108

Instrument ID WETCHEM

Method: SW9045D

LCS		Sample ID: LCS-R97108-R97108				Units: s.u.		Analysis Date: 11/2/2011 08:40 AM		
Client ID:		Run ID: WETCHEM_111102E				SeqNo: 1804176		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.32	0	4.4	0	98.2	90-110	0			

DUP		Sample ID: 1111065-01A DUP				Units: s.u.		Analysis Date: 11/2/2011 08:40 AM		
Client ID:		Run ID: WETCHEM_111102E				SeqNo: 1804178		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.65	0	0	0	0	0-0	8.65	0	20	

DUP		Sample ID: 1111089-01A DUP				Units: s.u.		Analysis Date: 11/2/2011 08:40 AM		
Client ID:		Run ID: WETCHEM_111102E				SeqNo: 1804191		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.86	0	0	0	0	0-0	7.86	0	20	

The following samples were analyzed in this batch:



1111080-01A

[illegible]

*Time Zone (Circle): EST CST AST 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: <div style="text-align: center; font-size: 2em;">3.2°C</div>	QC PACKAGE (check below)	
	X	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		

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		DANIEL PINEGAR	10/31/2011	5:00 PM
RECEIVED BY		Diane F. Shen	11/2/11	1000
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

**Subcontractor:**A & L Great Lakes Agricultural La
3505 Conestoga Dr

TEL: (260) 483-4759

FAX: (260) 483-5274

Ft. Wayne, IN 46808

Acct #: 91000

CHAIN-OF-CUSTODY RECORDDate: **02-Nov-11**COC ID: **3273**Due Date: **08-Nov-11**

Page 1 of 1

Environmental

Salesperson

Debbie Fazio

Customer Information		Project Information		Parameter/Method Request for Analysis													
Purchase Order	20-122011149	Project Name	1111080	A	Subcontracted Analyses (SUBCONTRACT) SAR-EC												
Work Order		Project Number		B													
Company Name	ALS Group USA, Corp	Bill To Company	ALS Group USA, Corp	C													
Send Report To	Ann Preston	Inv Attn	Accounts Payable	D													
Address	3352 128th Avenue	Address	3352 128th Avenue	E													
				F													
City/State/Zip	Holland, Michigan 49424-9263	City/State/Zip	Holland, Michigan 49424-9263	G													
Phone	(616) 399-6070	Phone	(616) 399-6070	H													
Fax	(616) 399-6185	Fax	(616) 399-6185	I													
eMail Address	ann.preston@alsglobal.com	eMail CC		J													
Sample ID	Matrix	Collection Date 24hr	Bottle	A	B	C	D	E	F	G	H	I	J				
1111080-01B	Soil	28/Oct/2011 12:50	(1) MISC	X													

Comments:Please analyze for SAR-EC. Email results to Ann Preston.

Relinquished by:

Date/Time

Received by:

Date/Time

Cooler IDs

Report/QC Level

Std

Relinquished by:

Date/Time

Received by:

Date/Time

Sample Receipt Checklist

Client Name: HRL

Date/Time Received: 02-Nov-11 10:00

Work Order: 1111080

Received by: DS

Checklist completed by Diane Shaw 02-Nov-11
eSignature Date

Reviewed by: Alex Csaszar 02-Nov-11
eSignature Date

Matrices: Soil

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>3.2 c</u>		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			
Login Notes:			

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

FedEx Express **NEW Package US Airbill**

FedEx Tracking Number

8769 1479 5761

0200

Form 10 No

FedEx Retrieval Copy

Page 24

1 From
Date 11/21/11 Sender's FedEx Account Number
Sender's Name
Company
Address
City State ZIP
Dept./Floor/Suite/Room

2 Your Internal Billing Reference

3 To
Recipient's Name
Company
Address
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address
Use this line for the HOLD location address or for continuation of your shipping address.
City State ZIP
Dept./Floor/Suite/Room

HOLD Weekday
FedEx Express
REQUIRED for delivery to
FedEx Hold Overnight
01
HOLD Saturday
FedEx Express
REQUIRED for delivery to
FedEx Hold Overnight and
FedEx 2Day to select locations.
31

4 Express Package Service

NOTE: Service only has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the new
FedEx Express Freight US Airbill.

- 06 FedEx First Overnight
Earliest next business day delivery to select locations. Friday ship by 10:00 a.m. for next-day delivery unless SATURDAY delivery is selected.
- 03 FedEx Priority Overnight
Next business morning delivery. Friday ship by 10:00 a.m. for next-day delivery unless SATURDAY delivery is selected.
- 05 FedEx Standard Overnight
Next business afternoon delivery. Saturday delivery NOT available.
- 49 NEW FedEx 2Day A.M.
Second business morning delivery. Saturday delivery NOT available.
- 03 FedEx 2Day
Second business afternoon delivery. Saturday delivery NOT available.
- 20 FedEx Express Saver
Third business day delivery. Saturday delivery NOT available.

5 Packaging

Declared value limit \$500.

- 06 FedEx Envelope 02 FedEx Pak 03 FedEx Box 04 FedEx Tube 01 Other

6 Special Handling and Delivery Signature Options

03 SATURDAY DELIVERY

- No Signature Required
Signature may be left without obtaining a signature for delivery.
- 10 Direct Signature
Signature at recipient's address may sign for delivery. Fee applies.
- 34

Does this shipment contain dangerous goods?
One box must be checked.

- No 04 Yes
As per attached Shipper's Declaration
Yes Shipper's Declaration not required
08 Dry Ice
Dry Ice 2

7 Payment Bill to:

Sender's Account No. 2 Payment 3 Bill to Party 4 Credit Card No.
Total Packing
Enter FedEx Account or Credit Card No. below.
Pay Date 11/10 • Pay To 101 • ©1994-2010 FedEx • PRINTED IN U.S.A. 301

Equally Environmental Containers
1-255-3900 • 304-255-3900



21-Nov-2011

Mark Mumby
HRL Compliance Solutions
744 Horizon Ct. Suite 140
Grand Junction, CO 81506

Re: **RWF 11-6 11/11/11**

Work Order: **1111565**

Dear Mark,

ALS Environmental received 1 sample on 16-Nov-2011 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 11.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Ann Preston".

Electronically approved by: Ann Preston

Ann Preston
Project Manager



Certificate No: IL100452

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental The ALS logo, a stylized blue triangle with a yellow flame inside.

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions
Project: RWF 11-6 11/11/11
Work Order: 1111565

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1111565-01	On Pad	Soil		11/11/2011 13:30	11/16/2011 10:00	<input type="checkbox"/>

Client: HRL Compliance Solutions
Project: RWF 11-6 11/11/11
WorkOrder: 1111565

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
as noted	
s.u.	Standard Units

ALS Group USA, Corp

Date: 21-Nov-11

Client: HRL Compliance Solutions

Project: RWF 11-6 11/11/11

Sample ID: On Pad

Collection Date: 11/11/2011 01:30 PM

Work Order: 1111565

Lab ID: 1111565-01

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
SUBCONTRACTED ANALYSES			SUBCONTRACT			Analyst: A&LGL
Subcontracted Analyses	Rcvd 11/21/11			as noted	1	11/21/2011
MOISTURE			A2540 G			Analyst: CG
Moisture	23		0.050	% of sample	1	11/16/2011 02:34 PM
PH			SW9045D			Analyst: JJG
pH	9.13			s.u.	1	11/16/2011 07:40 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Report Number: F11321-0537

Account Number: 91000

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, Indiana 46808-4413 • Phone 260-483-4759 • Fax 260-483-5274

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QUALITY ANALYSES FOR INFORMED DECISIONS

TO: ALS LABORATORY GROUP
3352 128TH AVE
HOLLAND, MI 49424-9263

RE: 1111565

DATE RECEIVED: 11/17/2011

DATE REPORTED: 11/21/2011

PAGE: 1

P.O. NUMBER: 20-122011241

ATTN: ANN PRESTON

REPORT OF ANALYSIS

LAB NO.	SAMPLE ID	ANALYSIS	RESULT	UNIT	METHOD
67958	01B	Sat'd Paste Extraction with DIW	1		USDA Handbook 60
		Conductivity (ECe)	0.60	mmho/cm	USDA Handbook 60
		Calcium (Sat'd Paste)	38	ppm	USDA Handbook 60
		Magnesium (Sat'd Paste)	9	ppm	USDA Handbook 60
		Sodium (Sat'd Paste)	326	ppm	USDA Handbook 60
		Sodium Adsorption Ratio (SAR)	12.3	-	USDA Handbook 60

Client: HRL Compliance Solutions

Work Order: 1111565

Project: RWF 11-6 11/11/11

QC BATCH REPORT

Batch ID: R97848

Instrument ID WETCHEM

Method: SW9045D

LCS		Sample ID: LCS-R97848-R97848				Units: s.u.		Analysis Date: 11/16/2011 07:40 AM		
Client ID:		Run ID: WETCHEM_111116J			SeqNo: 1823614		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.37	0	4.4	0	99.3	90-110		0		

DUP		Sample ID: 1111507-12A DUP				Units: s.u.		Analysis Date: 11/16/2011 07:40 AM		
Client ID:		Run ID: WETCHEM_111116J			SeqNo: 1823616		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.92	0	0	0	0	0-0	7.92	0	20	

The following samples were analyzed in this batch:

1111565-01A

Client: HRL Compliance Solutions
Work Order: 1111565
Project: RWF 11-6 11/11/11

QC BATCH REPORT

Batch ID: **R97862** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS1-R97862				Units: % of sample			Analysis Date: 11/16/2011 02:34 PM		
Client ID:		Run ID: MOIST_111116B				SeqNo: 1823914			Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture ND 0.050

LCS		Sample ID: LCS-R97862				Units: % of sample			Analysis Date: 11/16/2011 02:34 PM		
Client ID:		Run ID: MOIST_111116B				SeqNo: 1823913			Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 100 0.050 100 0 100 99.5-100.5 0

DUP		Sample ID: 1111558-02BDUP				Units: % of sample			Analysis Date: 11/16/2011 02:34 PM		
Client ID:		Run ID: MOIST_111116B				SeqNo: 1823897			Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 14.84 0.050 0 0 0 0-0 14.8 0.27 20

DUP		Sample ID: 1111566-01ADUP				Units: % of sample			Analysis Date: 11/16/2011 02:34 PM		
Client ID:		Run ID: MOIST_111116B				SeqNo: 1823904			Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 16.06 0.050 0 0 0 0-0 16.97 5.51 20 H

The following samples were analyzed in this batch:

1111565-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

**Subcontractor:**A & L Great Lakes Agricultural La
3505 Conestoga Dr

TEL: (260) 483-4759

FAX: (260) 483-5274

Ft. Wayne, IN 46808

Acct #: 91000

CHAIN-OF-CUSTODY RECORDDate: **16-Nov-11**COC ID: **3307**Due Da **18-Nov-11**

Page 1 of 1

Environmental

Salesperson

Debbie Fazio

Customer Information		Project Information		Parameter/Method Request for Analysis													
Purchase Order	20-122011241	Project Name	1111565	A	Subcontracted Analyses (SUBCONTRACT) <i>SAR-EC</i>												
Work Order		Project Number		B													
Company Name	ALS Group USA, Corp	Bill To Company	ALS Group USA, Corp	C													
Send Report To	Ann Preston	Inv Attn	Accounts Payable	D													
Address	3352 128th Avenue	Address	3352 128th Avenue	E													
				F													
City/State/Zip	Holland, Michigan 49424-9263	City/State/Zip	Holland, Michigan 49424-9263	G													
Phone	(616) 399-6070	Phone	(616) 399-6070	H													
Fax	(616) 399-6185	Fax	(616) 399-6185	I													
eMail Address	ann.preston@alsglobal.com	eMail CC		J													
Sample ID	Matrix	Collection Date 24hr	Bottle	A	B	C	D	E	F	G	H	I	J				
1111565-01B	Soil	11/Nov/2011 13:30	(1) MISC	X													

Comments:Please analyze for SAR-EC. Email results to Ann Preston.

Relinquished by: <i>[Signature]</i>	Date/Time: <i>11/16/11 1300</i>	Received by:	Date/Time:	Cooler IDs	Report/QC Level
					Std
Relinquished by:	Date/Time:	Received by:	Date/Time:		

Sample Receipt Checklist

Client Name: HRL

Date/Time Received: 16-Nov-11 10:00

Work Order: 1111565

Received by: DS

Checklist completed by Diane Shaw 16-Nov-11
eSignature Date

Reviewed by: Alex Csaszar 16-Nov-11
eSignature Date

Matrices: Soil

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>5.8 c</u>		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			
Login Notes:			

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

CUSTODY SEAL

DATE

11/14/2011

SIGNATURE

[Signature]

Quality Environmental Containers
800-255-3950 • 304-255-3900

Express US AIRBILL

Invoice Number

010117113625

0200

FedEx

FedEx Retrieval Copy

1 From

Date

11/14/11

Sender's FedEx
Account NumberSender's
Name

Bridges

Phone

72 295-371

Company

HCS

Address

710 Hudson St

City

New York

State

NY

ZIP

10014

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPSON

Phone

64 299-602

Company

The Firm

Address

333 1st Ave

Address

Use this line for the HOLD location address or for a destination of your shipping address.

City

New York

State

NY

ZIP

10014

HOLD Weekday

FedEx location address
REQUIRED. NOT available for
FedEx First Overnight

HOLD Saturday

FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations

4 Express Package Service

To post locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the new
FedEx Express Freight US Airbill.

01 - NEW FedEx 2Day A.M.

02 - NEW FedEx 2Day A.M.

Standard business morning
Standard business morning

03 - FedEx 2Day

04 - FedEx 2Day

Standard business morning
Standard business morning
will be delivered on Monday unless
otherwise selected.

05 - FedEx Standard Overnight

06 - FedEx Standard Overnight

Standard business morning
Standard business morning
Saturday delivery 2011

5 Packaging

Archives, values limit \$500.

01 - FedEx Envelope

02 - FedEx Pak

03 - FedEx Box

04 - FedEx Tube

05 - FedEx Mailer

6 Special Handling and Delivery Signature Options

01 - SATURDAY DELIVERY

No Signature Required

No signature required. The package will be delivered without a signature.

10 Direct Signature

Signature required. The package will be delivered only to the addressee or to a person named on the label.

Indirect Signature

Signature required. The package will be delivered only to the addressee or to a person named on the label.

Does this shipment contain dangerous goods?

The box must be checked.

No

Yes

Shipped as dangerous goods. The package must be checked.

Yes

Shipped as dangerous goods. The package must be checked.

Yes

Shipped as dangerous goods. The package must be checked.

Yes

Shipped as dangerous goods. The package must be checked.

Yes

Shipped as dangerous goods. The package must be checked.

Yes

Shipped as dangerous goods. The package must be checked.

7 Payment Bill to:

Sender

Account

Third Party

Credit Card

Cash/Check

Total Packages

Total Weight

Total Cost

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612

8769 1479 5625

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