



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
11/18/2011

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 Fax: 970-265-9573	
3. Address: 1058 County Road 215 City: Parachute State: CO Zip: 81635		
5. API Number 05-045-10029	OGCC Facility ID Number 335788	Survey Plat
6. Well/Facility Name: Federal	7. Well/Facility Number RMV 39-16	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): SWNW, 16, 6S, 94W, 6th		Surface Equip Diagram
9. County: Garfield	10. Field Name: Rutison	Technical Info Page
11. Federal, Indian or State Lease Number:		Other

General Notice

<input type="checkbox"/> 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:	<input type="checkbox"/> F-NUT-SL <input type="checkbox"/> F-ELU-WL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> attach directional survey
Bottomhole location Qtr/Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No
	Distance to nearest well same formation
	Surface owner consultation date:
GPS DATA: Date of Measurement PDOP Reading Instrument Operator's Name	
<input type="checkbox"/> CHANGE SPACING UNIT Formation Formation Code Spacing order number Unit Acreage Unit configuration	
<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date: Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	<input type="checkbox"/> CHANGE WELL NAME NUMBER From: To: Effective Date:
<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for inspection:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No MIT required if shut in longer than two years. Date of last MIT
<input type="checkbox"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (5 mos from date casing set)
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK Method used Cementing tool setting/perf depth Cement volume Cement top Cement bottom Date	
<input type="checkbox"/> 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

<input type="checkbox"/> Notice of Intent Approximate Start Date:	<input type="checkbox"/> Report of Work Done Date Work Completed:	
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)		
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input checked="" type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> 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: 11/17/2011 Email: karolina.blaney@williams.com
Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved:

Title

FOR

Date:

12/05/2011

CONDITIONS OF APPROVAL, IF ANY:

Chris Canfield
EPS NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number:	96850	API Number:	05-045-10029
2. Name of Operator:	Williams Production RMT	OGCC Facility ID #	335788
3. Well/Facility Name:	Federal	Well/Facility Number:	RMV 39-16
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SWNW, 16, 6S, 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

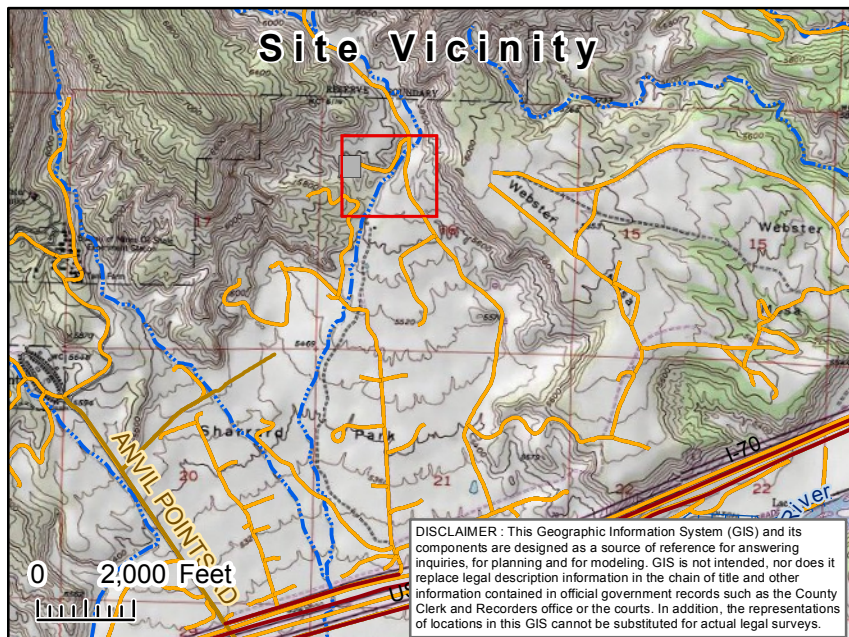
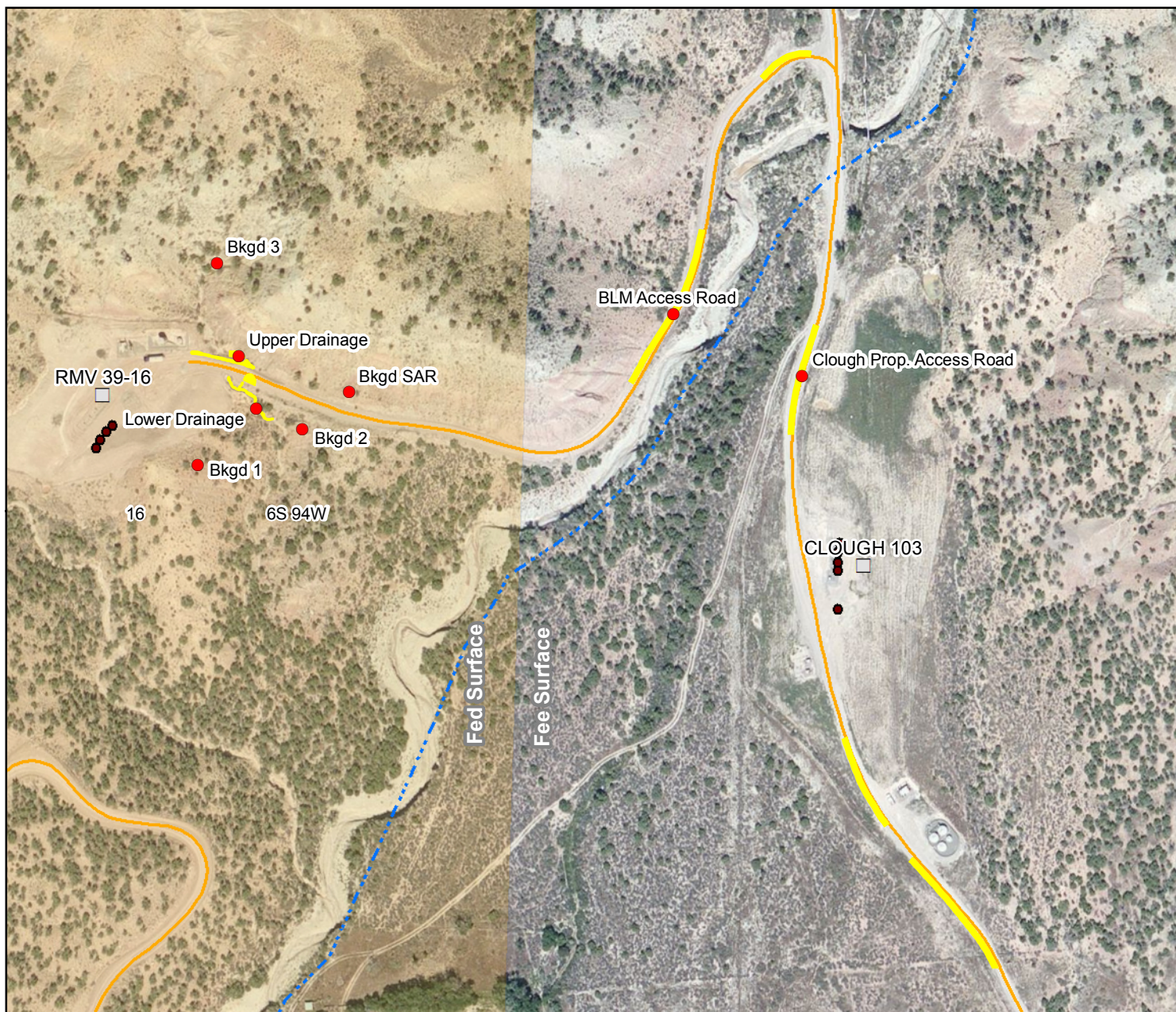
Williams Production is submitting the analytical data for the Federal RMV 39-16 as requested by the COGCC . The release occurred on October 29, 2010. The incident tracking number for the release is 2522345. Due to the nature of the spill, soil samples were collected from several areas impacted by the release. They were collected from the access roads on both the BLM and Clough properties, and the unnamed ephemeral drainage. Background samples were also collected and analyzed for SAR, EC and pH. All samples were analyzed for Table 910-1. Refer to the attached map for the sampling locations. The confirmation samples collected on the Clough property access road were collected from the largest and most visible area of impact. 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 SAR on the access roads, unnamed ephemeral drainage and background locations.

Upper drainage	6.8	SAR on 11/18/2010
Lower drainage	7.1	SAR on 11/18/2010
Clough Property Access Road	27.32	SAR on 10/29/2010
BLM Access Road	16.01	SAR on 10/29/2010
Background SAR	66.65	SAR on 10/29/2010

Below are the analytical results for arsenic on the access roads, unnamed ephemeral drainage and background locations.

Upper drainage	Depth Collected 0-12 inches	2.13 mg/Kg	arsenic on 10/29/2010
Lower drainage	Depth Collected 0-12 inches	3.48 mg/Kg	arsenic on 10/29/2010
Clough Property Access Road	Depth Collected 0-12 inches	5.13 mg/Kg	arsenic on 10/29/2010
BLM Access Road	Depth Collected 0-12 inches	2.03 mg/Kg	arsenic on 10/29/2010
Background Location 1	Depth Collected 0-12 inches	4.3 mg/Kg	arsenic on 12/13/2010
Background Location 2	Depth Collected 0-12 inches	1.89 mg/Kg	arsenic on 12/13/2010
Background Location 3	Depth Collected 0-12 inches	3.32 mg/Kg	arsenic on 12/13/2010



Attachment A - Location Map

Location: RMV 39-16

Williams Production RMT

Legend

- Sample Location
- Well Head Location
- Impacted Areas

PLSS

- Township
- Section

Transportation Features

- Highways
- Public Roads
- Williams Access Roads
- River

Hydrographic Features

- Perennial Stream
- - - Intermittent Stream
- - - Ditch/Canal



0 75 150 300 Feet





23-Nov-2010

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

Tel: (970) 243-3271
Fax: (970) 243-3230

Re: RMV 39-16

Work Order: **1011388**

Dear Mark,

ALS Environmental received 8 samples on 10-Nov-2010 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. Results are expressed as "as received" unless otherwise noted.

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

The total number of pages in this report is 30.

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

Sincerely,

A handwritten signature in cursive script that reads "Bethany Agarwal".

Electronically approved by: Mary K. Knowles

Bethany Agarwal
Project Manager



Certificate No: T104704231-09A-TX

ADDRESS 10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 | PHONE (281) 530-5656 | FAX (281) 530-5887

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

Environmental The ALS logo icon, a stylized blue triangle with a yellow flame-like shape inside.

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Work Order: 1011388

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>
1011388-01	Drainage Lower	Soil		10/29/2010 13:15	11/4/2010 16:15	<input type="checkbox"/>
1011388-02	Drainage Upper	Soil		10/29/2010 13:20	11/4/2010 16:15	<input type="checkbox"/>
1011388-03	Clough Prop. Access Rd	Soil		10/29/2010 14:30	11/4/2010 16:15	<input type="checkbox"/>
1011388-04	BLM Access Rd	Soil		10/29/2010 13:30	11/4/2010 16:15	<input type="checkbox"/>
1011388-05	Background SAR	Soil		10/29/2010 13:40	11/4/2010 16:15	<input type="checkbox"/>
1011388-06	Background 1	Soil		10/29/2010 13:50	11/4/2010 16:15	<input type="checkbox"/>
1011388-07	Background 2	Soil		10/29/2010 13:45	11/4/2010 16:15	<input type="checkbox"/>
1011388-08	Background 3	Soil		10/29/2010 13:55	11/4/2010 16:15	<input type="checkbox"/>

Client: HRL Compliance Solutions Inc.**Project:** RMV 39-16**Work Order:** 1011388**Case Narrative**

Samples containers for SAR analysis for samples "Drainage Lower", "Drainage Upper", and "BLM Access Rd" were received broken. Client submitted additional sample volume for BLM Access Rd.

Sample container labels for Background 1,2,3 were not attached to containers. Samples will be resubmitted in a separate workorder by client.

Batch 47939, Metals, Sample BLM Access Rd: MS/MSD recovered outside control limits. RPD within control limits.

Batch 47815, Semivolatile Organics, Sample 1011409-04: MS/MSD performed on an unrelated sample.

Batch R100665, Volatile Organics, Sample 1011240-72: MS/MSD performed on an unrelated sample.

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: Drainage Lower
Collection Date: 10/29/2010 01:15 PM

Work Order: 1011388
Lab ID: 1011388-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH DRO/ORO							
			Method:SW8015M			Prep: SW3541 / 11/11/10	Analyst: RPM
TPH (Diesel Range)	0.76	J	0.50	1.7	mg/Kg	1	11/11/2010 22:32
Surr: 2-Fluorobiphenyl	81.2			70-130	%REC	1	11/11/2010 22:32
GASOLINE RANGE ORGANICS							
			Method:SW8015				Analyst: KKP
Gasoline Range Organics	0.73		0.020	0.050	mg/Kg	1	11/12/2010 16:03
Surr: 4-Bromofluorobenzene	117			70-130	%REC	1	11/12/2010 16:03
TRIVALENT CHROMIUM							
			Method:CALCULATION				Analyst: SKS
Chromium, Trivalent	6.85		0.70	5.00	mg/Kg	1	11/18/2010
MERCURY							
			Method:SW7471A			Prep: SW7471A / 11/12/10	Analyst: JCJ
Mercury	0.0329		0.00021	0.00343	mg/Kg	1	11/13/2010 13:28
METALS							
			Method:SW6020			Prep: SW3050A / 11/16/10	Analyst: SKS
Arsenic	3.48		0.056	0.467	mg/Kg	1	11/17/2010 00:49
Barium	172		0.75	9.35	mg/Kg	10	11/17/2010 19:53
Cadmium	1.02		0.037	0.467	mg/Kg	1	11/17/2010 00:49
Chromium	6.85		0.047	0.467	mg/Kg	1	11/17/2010 00:49
Copper	7.95		0.13	0.467	mg/Kg	1	11/17/2010 00:49
Lead	7.60		0.047	0.467	mg/Kg	1	11/17/2010 00:49
Nickel	13.5		0.056	0.467	mg/Kg	1	11/17/2010 00:49
Selenium	0.717		0.23	0.467	mg/Kg	1	11/17/2010 19:41
Silver	U		0.037	0.467	mg/Kg	1	11/17/2010 00:49
Zinc	40.3		0.23	0.467	mg/Kg	1	11/17/2010 00:49
LOW-LEVEL PAHS							
			Method:SW8270			Prep: SW3541 / 11/11/10	Analyst: KMB
Acenaphthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:13
Acenaphthylene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:13
Anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:13
Benz(a)anthracene	U		0.0028	0.0066	mg/Kg	1	11/11/2010 22:13
Benzo(a)pyrene	U		0.0023	0.0066	mg/Kg	1	11/11/2010 22:13
Benzo(b)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:13
Benzo(g,h,i)perylene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 22:13
Benzo(k)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:13
Chrysene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 22:13
Dibenz(a,h)anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:13
Fluoranthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:13
Fluorene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:13
Indeno(1,2,3-cd)pyrene	U		0.0035	0.0066	mg/Kg	1	11/11/2010 22:13
Naphthalene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:13
Phenanthrene	U		0.0030	0.0066	mg/Kg	1	11/11/2010 22:13

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: Drainage Lower
Collection Date: 10/29/2010 01:15 PM

Work Order: 1011388
Lab ID: 1011388-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Pyrene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:13
Surr: 2-Fluorobiphenyl	59.0			43-125	%REC	1	11/11/2010 22:13
Surr: 4-Terphenyl-d14	70.6			32-125	%REC	1	11/11/2010 22:13
Surr: Nitrobenzene-d5	53.8			37-125	%REC	1	11/11/2010 22:13
VOLATILES			Method: SW8260				Analyst: WLR
Benzene	0.00092	J	0.00050	0.0050	mg/Kg	1	11/11/2010 15:27
Ethylbenzene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 15:27
m,p-Xylene	0.15		0.0010	0.010	mg/Kg	1	11/11/2010 15:27
o-Xylene	0.037		0.00050	0.0050	mg/Kg	1	11/11/2010 15:27
Toluene	0.043		0.00050	0.0050	mg/Kg	1	11/11/2010 15:27
Xylenes, Total	0.18		0.0015	0.015	mg/Kg	1	11/11/2010 15:27
Surr: 1,2-Dichloroethane-d4	86.7			70-128	%REC	1	11/11/2010 15:27
Surr: 4-Bromofluorobenzene	97.4			73-126	%REC	1	11/11/2010 15:27
Surr: Dibromofluoromethane	83.3			71-128	%REC	1	11/11/2010 15:27
Surr: Toluene-d8	102			73-127	%REC	1	11/11/2010 15:27
MISCELLANEOUS ANALYSIS			Method: NA				Analyst: SUB
Miscellaneous Analysis	See Attached		0			1	11/19/2010
HEXAVALENT CHROMIUM			Method: SW7196				Analyst: TDW
Chromium, Hexavalent	U		0.70	1.99	mg/Kg	1	11/15/2010 13:00

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: Drainage Upper
Collection Date: 10/29/2010 01:20 PM

Work Order: 1011388
Lab ID: 1011388-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH DRO/ORO							
			Method: SW8015M		Prep: SW3541 / 11/11/10		Analyst: RPM
TPH (Diesel Range)	11		0.50	1.7	mg/Kg	1	11/11/2010 22:51
Surr: 2-Fluorobiphenyl	95.5			70-130	%REC	1	11/11/2010 22:51
GASOLINE RANGE ORGANICS							
			Method: SW8015				Analyst: KKP
Gasoline Range Organics	0.38		0.020	0.050	mg/Kg	1	11/12/2010 16:18
Surr: 4-Bromofluorobenzene	114			70-130	%REC	1	11/12/2010 16:18
TRIVALENT CHROMIUM							
			Method: CALCULATION				Analyst: SKS
Chromium, Trivalent	7.75		0.70	5.00	mg/Kg	1	11/18/2010
MERCURY							
			Method: SW7471A		Prep: SW7471A / 11/12/10		Analyst: JCJ
Mercury	0.0203		0.00021	0.00353	mg/Kg	1	11/13/2010 13:30
METALS							
			Method: SW6020		Prep: SW3050A / 11/16/10		Analyst: SKS
Arsenic	2.13		0.054	0.446	mg/Kg	1	11/17/2010 00:55
Barium	114		0.071	0.893	mg/Kg	1	11/17/2010 00:55
Cadmium	1.21		0.036	0.446	mg/Kg	1	11/17/2010 00:55
Chromium	7.75		0.045	0.446	mg/Kg	1	11/17/2010 00:55
Copper	9.24		0.12	0.446	mg/Kg	1	11/17/2010 00:55
Lead	7.56		0.045	0.446	mg/Kg	1	11/17/2010 00:55
Nickel	16.4		0.054	0.446	mg/Kg	1	11/17/2010 00:55
Selenium	0.649		0.22	0.446	mg/Kg	1	11/17/2010 19:47
Silver	0.0474	J	0.036	0.446	mg/Kg	1	11/17/2010 00:55
Zinc	44.3		0.22	0.446	mg/Kg	1	11/17/2010 00:55
LOW-LEVEL PAHS							
			Method: SW8270		Prep: SW3541 / 11/11/10		Analyst: KMB
Acenaphthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:33
Acenaphthylene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:33
Anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:33
Benz(a)anthracene	U		0.0028	0.0066	mg/Kg	1	11/11/2010 22:33
Benzo(a)pyrene	U		0.0023	0.0066	mg/Kg	1	11/11/2010 22:33
Benzo(b)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:33
Benzo(g,h,i)perylene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 22:33
Benzo(k)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:33
Chrysene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 22:33
Dibenz(a,h)anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:33
Fluoranthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:33
Fluorene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:33
Indeno(1,2,3-cd)pyrene	U		0.0035	0.0066	mg/Kg	1	11/11/2010 22:33
Naphthalene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:33
Phenanthrene	U		0.0030	0.0066	mg/Kg	1	11/11/2010 22:33

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: Drainage Upper
Collection Date: 10/29/2010 01:20 PM

Work Order: 1011388
Lab ID: 1011388-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Pyrene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:33
Surr: 2-Fluorobiphenyl	67.4			43-125	%REC	1	11/11/2010 22:33
Surr: 4-Terphenyl-d14	69.0			32-125	%REC	1	11/11/2010 22:33
Surr: Nitrobenzene-d5	67.6			37-125	%REC	1	11/11/2010 22:33
VOLATILES			Method: SW8260				Analyst: WLR
Benzene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 15:54
Ethylbenzene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 15:54
m,p-Xylene	0.0021	J	0.0010	0.010	mg/Kg	1	11/11/2010 15:54
o-Xylene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 15:54
Toluene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 15:54
Xylenes, Total	0.0021	J	0.0015	0.015	mg/Kg	1	11/11/2010 15:54
Surr: 1,2-Dichloroethane-d4	93.2			70-128	%REC	1	11/11/2010 15:54
Surr: 4-Bromofluorobenzene	102			73-126	%REC	1	11/11/2010 15:54
Surr: Dibromofluoromethane	88.8			71-128	%REC	1	11/11/2010 15:54
Surr: Toluene-d8	103			73-127	%REC	1	11/11/2010 15:54
MISCELLANEOUS ANALYSIS			Method: NA				Analyst: SUB
Miscellaneous Analysis	See Attached		0			1	11/19/2010
HEXAVALENT CHROMIUM			Method: SW7196				Analyst: TDW
Chromium, Hexavalent	U		0.68	1.93	mg/Kg	1	11/15/2010 13:00

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: Clough Prop. Access Rd
Collection Date: 10/29/2010 02:30 PM

Work Order: 1011388
Lab ID: 1011388-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH DRO/ORO							
			Method: SW8015M		Prep: SW3541 / 11/11/10		Analyst: RPM
TPH (Diesel Range)	2.8		0.50	1.7	mg/Kg	1	11/11/2010 23:11
Surr: 2-Fluorobiphenyl	82.3			70-130	%REC	1	11/11/2010 23:11
GASOLINE RANGE ORGANICS							
			Method: SW8015				Analyst: KKP
Gasoline Range Organics	U		0.020	0.050	mg/Kg	1	11/12/2010 16:34
Surr: 4-Bromofluorobenzene	103			70-130	%REC	1	11/12/2010 16:34
TRIVALENT CHROMIUM							
			Method: CALCULATION				Analyst: SKS
Chromium, Trivalent	6.67		0.70	5.00	mg/Kg	1	11/18/2010
MERCURY							
			Method: SW7471A		Prep: SW7471A / 11/12/10		Analyst: JCJ
Mercury	0.0155		0.00021	0.00356	mg/Kg	1	11/13/2010 13:32
METALS							
			Method: SW6020		Prep: SW3050A / 11/16/10		Analyst: SKS
Arsenic	5.13		0.057	0.472	mg/Kg	1	11/17/2010 01:01
Barium	1,190		7.5	94.3	mg/Kg	100	11/17/2010 19:59
Cadmium	0.390	J	0.038	0.472	mg/Kg	1	11/17/2010 01:01
Chromium	6.67		0.047	0.472	mg/Kg	1	11/17/2010 01:01
Copper	8.83		0.13	0.472	mg/Kg	1	11/17/2010 01:01
Lead	5.58		0.047	0.472	mg/Kg	1	11/17/2010 01:01
Nickel	8.36		0.057	0.472	mg/Kg	1	11/17/2010 01:01
Selenium	0.455	J	0.24	0.472	mg/Kg	1	11/17/2010 01:01
Silver	U		0.038	0.472	mg/Kg	1	11/17/2010 01:01
Zinc	29.1		0.24	0.472	mg/Kg	1	11/17/2010 01:01
LOW-LEVEL PAHS							
			Method: SW8270		Prep: SW3541 / 11/11/10		Analyst: KMB
Acenaphthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:53
Acenaphthylene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:53
Anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:53
Benz(a)anthracene	U		0.0028	0.0066	mg/Kg	1	11/11/2010 22:53
Benzo(a)pyrene	U		0.0023	0.0066	mg/Kg	1	11/11/2010 22:53
Benzo(b)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:53
Benzo(g,h,i)perylene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 22:53
Benzo(k)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 22:53
Chrysene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 22:53
Dibenz(a,h)anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:53
Fluoranthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:53
Fluorene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 22:53
Indeno(1,2,3-cd)pyrene	U		0.0035	0.0066	mg/Kg	1	11/11/2010 22:53
Naphthalene	0.0072		0.0033	0.0066	mg/Kg	1	11/11/2010 22:53
Phenanthrene	0.0037	J	0.0030	0.0066	mg/Kg	1	11/11/2010 22:53

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: Clough Prop. Access Rd
Collection Date: 10/29/2010 02:30 PM

Work Order: 1011388
Lab ID: 1011388-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Pyrene	0.0027	J	0.0022	0.0066	mg/Kg	1	11/11/2010 22:53
Surr: 2-Fluorobiphenyl	68.8			43-125	%REC	1	11/11/2010 22:53
Surr: 4-Terphenyl-d14	72.4			32-125	%REC	1	11/11/2010 22:53
Surr: Nitrobenzene-d5	66.9			37-125	%REC	1	11/11/2010 22:53
VOLATILES			Method: SW8260				Analyst: WLR
Benzene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 16:22
Ethylbenzene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 16:22
m,p-Xylene	0.0063	J	0.0010	0.010	mg/Kg	1	11/11/2010 16:22
o-Xylene	0.0037	J	0.00050	0.0050	mg/Kg	1	11/11/2010 16:22
Toluene	0.0065		0.00050	0.0050	mg/Kg	1	11/11/2010 16:22
Xylenes, Total	0.010	J	0.0015	0.015	mg/Kg	1	11/11/2010 16:22
Surr: 1,2-Dichloroethane-d4	106			70-128	%REC	1	11/11/2010 16:22
Surr: 4-Bromofluorobenzene	99.5			73-126	%REC	1	11/11/2010 16:22
Surr: Dibromofluoromethane	90.6			71-128	%REC	1	11/11/2010 16:22
Surr: Toluene-d8	100			73-127	%REC	1	11/11/2010 16:22
MISCELLANEOUS ANALYSIS			Method: NA				Analyst: SUB
Miscellaneous Analysis	See Attached		0			1	11/19/2010
HEXAVALENT CHROMIUM			Method: SW7196		Prep: SW3060A / 11/14/10		Analyst: TDW
Chromium, Hexavalent	U		0.70	2.00	mg/Kg	1	11/15/2010 13:00

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: BLM Access Rd
Collection Date: 10/29/2010 01:30 PM

Work Order: 1011388
Lab ID: 1011388-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH DRO/ORO							
			Method: SW8015M		Prep: SW3541 / 11/11/10		Analyst: RPM
TPH (Diesel Range)	0.59	J	0.50	1.7	mg/Kg	1	11/11/2010 23:30
Surr: 2-Fluorobiphenyl	91.7			70-130	%REC	1	11/11/2010 23:30
GASOLINE RANGE ORGANICS							
			Method: SW8015				Analyst: KKP
Gasoline Range Organics	U		0.020	0.050	mg/Kg	1	11/12/2010 16:49
Surr: 4-Bromofluorobenzene	104			70-130	%REC	1	11/12/2010 16:49
TRIVALENT CHROMIUM							
			Method: CALCULATION				Analyst: SKS
Chromium, Trivalent	6.37		0.70	5.00	mg/Kg	1	11/18/2010
MERCURY							
			Method: SW7471A		Prep: SW7471A / 11/12/10		Analyst: JCJ
Mercury	0.0199		0.00021	0.00355	mg/Kg	1	11/13/2010 13:34
METALS							
			Method: SW6020		Prep: SW3050A / 11/16/10		Analyst: SKS
Arsenic	2.03		0.058	0.485	mg/Kg	1	11/16/2010 16:45
Barium	932		7.8	48.5	mg/Kg	100	11/18/2010 03:34
Cadmium	0.456	J	0.039	0.485	mg/Kg	1	11/16/2010 16:45
Chromium	6.37		0.049	0.485	mg/Kg	1	11/16/2010 16:45
Copper	6.98		0.14	0.485	mg/Kg	1	11/16/2010 16:45
Lead	6.08		0.049	0.485	mg/Kg	1	11/16/2010 16:45
Nickel	10.5		0.058	0.485	mg/Kg	1	11/16/2010 16:45
Selenium	0.392	J	0.24	0.485	mg/Kg	1	11/16/2010 16:45
Silver	U		0.039	0.485	mg/Kg	1	11/16/2010 16:45
Zinc	34.7		0.24	0.485	mg/Kg	1	11/16/2010 16:45
LOW-LEVEL PAHS							
			Method: SW8270		Prep: SW3541 / 11/11/10		Analyst: KMB
Acenaphthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 23:13
Acenaphthylene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 23:13
Anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 23:13
Benz(a)anthracene	U		0.0028	0.0066	mg/Kg	1	11/11/2010 23:13
Benzo(a)pyrene	U		0.0023	0.0066	mg/Kg	1	11/11/2010 23:13
Benzo(b)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 23:13
Benzo(g,h,i)perylene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 23:13
Benzo(k)fluoranthene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 23:13
Chrysene	U		0.0029	0.0066	mg/Kg	1	11/11/2010 23:13
Dibenz(a,h)anthracene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 23:13
Fluoranthene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 23:13
Fluorene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 23:13
Indeno(1,2,3-cd)pyrene	U		0.0035	0.0066	mg/Kg	1	11/11/2010 23:13
Naphthalene	U		0.0033	0.0066	mg/Kg	1	11/11/2010 23:13
Phenanthrene	U		0.0030	0.0066	mg/Kg	1	11/11/2010 23:13

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Sample ID: BLM Access Rd
Collection Date: 10/29/2010 01:30 PM

Work Order: 1011388
Lab ID: 1011388-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Pyrene	U		0.0022	0.0066	mg/Kg	1	11/11/2010 23:13
Surr: 2-Fluorobiphenyl	68.5			43-125	%REC	1	11/11/2010 23:13
Surr: 4-Terphenyl-d14	70.6			32-125	%REC	1	11/11/2010 23:13
Surr: Nitrobenzene-d5	69.9			37-125	%REC	1	11/11/2010 23:13
VOLATILES			Method: SW8260				Analyst: WLR
Benzene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 16:49
Ethylbenzene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 16:49
m,p-Xylene	0.0019	J	0.0010	0.010	mg/Kg	1	11/11/2010 16:49
o-Xylene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 16:49
Toluene	U		0.00050	0.0050	mg/Kg	1	11/11/2010 16:49
Xylenes, Total	0.0019	J	0.0015	0.015	mg/Kg	1	11/11/2010 16:49
Surr: 1,2-Dichloroethane-d4	92.8			70-128	%REC	1	11/11/2010 16:49
Surr: 4-Bromofluorobenzene	99.9			73-126	%REC	1	11/11/2010 16:49
Surr: Dibromofluoromethane	84.7			71-128	%REC	1	11/11/2010 16:49
Surr: Toluene-d8	98.8			73-127	%REC	1	11/11/2010 16:49
MISCELLANEOUS ANALYSIS			Method: NA				Analyst: SUB
Miscellaneous Analysis	See Attached		0			1	11/19/2010
HEXAVALENT CHROMIUM			Method: SW7196				Analyst: TDW
Chromium, Hexavalent	U		0.68	1.94	mg/Kg	1	11/15/2010 13:00

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.

Project: RMV 39-16

Sample ID: Background SAR

Collection Date: 10/29/2010 01:40 PM

Work Order: 1011388

Lab ID: 1011388-05

Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MISCELLANEOUS ANALYSIS							
Miscellaneous Analysis	See Attached		Method:NA 0			1	Analyst: SUB 11/19/2010

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

ALS Environmental

Date: 23-Nov-10

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47821** Instrument ID **FID-7** Method: **SW8015M**

MBLK	Sample ID: FBLKS1-101111-47821				Units: mg/Kg		Analysis Date: 11/11/2010 09:53 PM			
Client ID:	Run ID: FID-7_101111A				SeqNo: 2173727		Prep Date: 11/11/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	U	1.7								
<i>Surr: 2-Fluorobiphenyl</i>	4.096	0.10	3.33	0	123	70-130	0			

LCS	Sample ID: FLCSS1-101111-47821				Units: mg/Kg		Analysis Date: 11/11/2010 10:12 PM			
Client ID:	Run ID: FID-7_101111A				SeqNo: 2173728		Prep Date: 11/11/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	37.59	1.7	33.33	0	113	70-130	0			
<i>Surr: 2-Fluorobiphenyl</i>	4.021	0.10	3.33	0	121	70-130	0			

MS	Sample ID: 1011388-04AMS				Units: mg/Kg		Analysis Date: 11/11/2010 11:49 PM			
Client ID: BLM Access Rd	Run ID: FID-7_101111A				SeqNo: 2173733		Prep Date: 11/11/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	34.5	1.7	33.23	0.5877	102	70-130	0			
<i>Surr: 2-Fluorobiphenyl</i>	3.578	0.10	3.32	0	108	70-130	0			

MSD	Sample ID: 1011388-04AMSD				Units: mg/Kg		Analysis Date: 11/12/2010 12:09 AM			
Client ID: BLM Access Rd	Run ID: FID-7_101111A				SeqNo: 2173734		Prep Date: 11/11/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	31.7	1.7	33.27	0.5877	93.5	70-130	34.5	8.44	30	
<i>Surr: 2-Fluorobiphenyl</i>	3.471	0.10	3.324	0	104	70-130	3.578	3.04	30	

The following samples were analyzed in this batch:

1011388-01A	1011388-02A	1011388-03A
1011388-04A		

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **R100861** Instrument ID **FID-9** Method: **SW8015**

MBLK Sample ID: **GBLKS-111210-R100861** Units: **mg/Kg** Analysis Date: **11/12/2010 03:48 PM**

Client ID: Run ID: **FID-9_101112A** SeqNo: **2171675** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	U	0.050								
Surr: 4-Bromofluorobenzene	0.09372	0.0050	0.1	0	93.7	70-130	0			

LCS Sample ID: **GLCSS-111210-R100861** Units: **mg/Kg** Analysis Date: **11/12/2010 03:02 PM**

Client ID: Run ID: **FID-9_101112A** SeqNo: **2171673** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.031	0.050	1	0	103	70-130	0			
Surr: 4-Bromofluorobenzene	0.09583	0.0050	0.1	0	95.8	70-130	0			

LCSD Sample ID: **GLCSDS-111210-R100861** Units: **mg/Kg** Analysis Date: **11/12/2010 03:17 PM**

Client ID: Run ID: **FID-9_101112A** SeqNo: **2171674** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.031	0.050	1	0	103	70-130	1.031	0.0814	30	
Surr: 4-Bromofluorobenzene	0.09744	0.0050	0.1	0	97.4	70-130	0.09583	1.66	30	

MS Sample ID: **1011388-04AMS** Units: **mg/Kg** Analysis Date: **11/12/2010 06:05 PM**

Client ID: **BLM Access Rd** Run ID: **FID-9_101112A** SeqNo: **2171681** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.219	0.050	1	0	122	70-130	0			
Surr: 4-Bromofluorobenzene	0.1098	0.0050	0.1	0	110	70-130	0			

MSD Sample ID: **1011388-04AMSD** Units: **mg/Kg** Analysis Date: **11/12/2010 06:21 PM**

Client ID: **BLM Access Rd** Run ID: **FID-9_101112A** SeqNo: **2171682** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.15	0.050	1	0	115	70-130	1.219	5.83	30	
Surr: 4-Bromofluorobenzene	0.1079	0.0050	0.1	0	108	70-130	0.1098	1.8	30	

The following samples were analyzed in this batch:

1011388-01A	1011388-02A	1011388-03A
1011388-04A		

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47867** Instrument ID **HG02** Method: **SW7471A**

MBLK Sample ID: **GBLKS1-111210-47867** Units: **µg/Kg** Analysis Date: **11/13/2010 01:01 PM**

Client ID: Run ID: **HG02_101113A** SeqNo: **2170828** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	3.3								

LCS Sample ID: **GLCSS1-111210-47867** Units: **µg/Kg** Analysis Date: **11/13/2010 01:03 PM**

Client ID: Run ID: **HG02_101113A** SeqNo: **2170829** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	339.3	3.3	333.3	0	102	85-115	0			

MS Sample ID: **1011451-01AMS** Units: **µg/Kg** Analysis Date: **11/13/2010 01:13 PM**

Client ID: Run ID: **HG02_101113A** SeqNo: **2170832** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	333.4	3.5	346.6	3.034	95.3	85-115	0			

MSD Sample ID: **1011451-01AMSD** Units: **µg/Kg** Analysis Date: **11/13/2010 01:15 PM**

Client ID: Run ID: **HG02_101113A** SeqNo: **2170833** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	330.2	3.4	345.4	3.034	94.7	85-115	333.4	0.972	20	

DUP Sample ID: **1011451-01ADUP** Units: **µg/Kg** Analysis Date: **11/13/2010 01:11 PM**

Client ID: Run ID: **HG02_101113A** SeqNo: **2170831** Prep Date: **11/12/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	3.649	3.4	0	0	0		3.034	18.4	20	

The following samples were analyzed in this batch:

1011388-01A	1011388-02A	1011388-03A
1011388-04A		

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47939** Instrument ID **ICP7500** Method: **SW6020**

MBLK Sample ID: **MBLKS2-111610-47939** Units: **mg/Kg** Analysis Date: **11/16/2010 05:28 PM**

Client ID: Run ID: **ICP7500_101116A** SeqNo: **2174340** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.50								
Barium	0.3629	0.50								J
Cadmium	U	0.50								
Chromium	U	0.50								
Copper	U	0.50								
Lead	0.1027	0.50								J
Nickel	U	0.50								
Silver	U	0.50								
Zinc	U	0.50								

LCS Sample ID: **MLCSS2-111610-47939** Units: **mg/Kg** Analysis Date: **11/16/2010 03:49 PM**

Client ID: Run ID: **ICP7500_101116A** SeqNo: **2174256** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.633	0.50	10	0	96.3	80-120	0			
Barium	10.2	1.0	10	0	102	80-120	0			
Cadmium	9.847	0.50	10	0	98.5	80-120	0			
Chromium	10.46	0.50	10	0	105	80-120	0			
Copper	10.42	0.50	10	0	104	80-120	0			
Lead	9.494	0.50	10	0	94.9	80-120	0			
Nickel	9.241	0.50	10	0	92.4	80-120	0			
Silver	10.15	0.50	10	0	102	80-120	0			
Zinc	9.911	0.50	10	0	99.1	80-120	0			

MS Sample ID: **1011388-04AMS** Units: **mg/Kg** Analysis Date: **11/16/2010 04:57 PM**

Client ID: **BLM Access Rd** Run ID: **ICP7500_101116A** SeqNo: **2174336** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.43	0.48	9.524	2.035	98.6	75-125	0			
Barium	734.3	0.95	9.524	996.1	-2750	75-125	0			SEO
Cadmium	9.458	0.48	9.524	0.456	94.5	75-125	0			
Chromium	16.24	0.48	9.524	6.366	104	75-125	0			
Copper	18.74	0.48	9.524	6.98	124	75-125	0			
Lead	15.11	0.48	9.524	6.079	94.9	75-125	0			
Nickel	18.51	0.48	9.524	10.53	83.8	75-125	0			
Silver	8.953	0.48	9.524	0.02012	93.8	75-125	0			
Zinc	46.66	0.48	9.524	34.73	125	75-125	0			S

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47939** Instrument ID **ICP7500** Method: **SW6020**

MSD Sample ID: **1011388-04AMSD** Units: **mg/Kg** Analysis Date: **11/16/2010 05:03 PM**
 Client ID: **BLM Access Rd** Run ID: **ICP7500_101116A** SeqNo: **2174337** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.01	0.47	9.434	2.035	95.1	75-125	11.43	3.74	25	
Barium	909.4	0.94	9.434	996.1	-919	75-125	734.3	21.3	25	SEO
Cadmium	9.336	0.47	9.434	0.456	94.1	75-125	9.458	1.3	25	
Chromium	16.02	0.47	9.434	6.366	102	75-125	16.24	1.36	25	
Copper	15.78	0.47	9.434	6.98	93.3	75-125	18.74	17.1	25	
Lead	14.4	0.47	9.434	6.079	88.2	75-125	15.11	4.87	25	
Nickel	17.96	0.47	9.434	10.53	78.7	75-125	18.51	3.03	25	
Silver	8.995	0.47	9.434	0.02012	95.1	75-125	8.953	0.467	25	
Zinc	44.11	0.47	9.434	34.73	99.5	75-125	46.66	5.61	25	

DUP Sample ID: **1011388-04ADUP** Units: **mg/Kg** Analysis Date: **11/16/2010 04:51 PM**
 Client ID: **BLM Access Rd** Run ID: **ICP7500_101116A** SeqNo: **2174335** Prep Date: **11/16/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	2.234	0.48	0	0	0	0-0	2.035	9.31	25	
Cadmium	0.6393	0.48	0	0	0	0-0	0.456	33.5	25	R
Chromium	7.582	0.48	0	0	0	0-0	6.366	17.4	25	
Copper	7.655	0.48	0	0	0	0-0	6.98	9.23	25	
Lead	6.868	0.48	0	0	0	0-0	6.079	12.2	25	
Nickel	10.83	0.48	0	0	0	0-0	10.53	2.74	25	
Silver	U	0.48	0	0	0	0-0	0.02012	0	25	
Zinc	36.85	0.48	0	0	0	0-0	34.73	5.92	25	

DUP Sample ID: **1011388-04ADUP** Units: **mg/Kg** Analysis Date: **11/18/2010 03:40 AM**
 Client ID: **BLM Access Rd** Run ID: **ICPMS04_101117B** SeqNo: **2176941** Prep Date: **11/16/2010** DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	927.7	48	0	0	0	0-0	932.2	0.477	25	

The following samples were analyzed in this batch:

1011388-01A	1011388-02A	1011388-03A
1011388-04A		

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47815** Instrument ID **SV-6** Method: **SW8270**

MBLK		Sample ID: SBLKS2-101111-47815				Units: µg/Kg		Analysis Date: 11/11/2010 10:34 PM		
Client ID:		Run ID: SV-6_101111C				SeqNo: 2169559		Prep Date: 11/11/2010		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	U	6.6								
Acenaphthylene	U	6.6								
Anthracene	U	6.6								
Benz(a)anthracene	U	6.6								
Benzo(a)pyrene	U	6.6								
Benzo(b)fluoranthene	U	6.6								
Benzo(g,h,i)perylene	U	6.6								
Benzo(k)fluoranthene	U	6.6								
Chrysene	U	6.6								
Dibenz(a,h)anthracene	U	6.6								
Fluoranthene	U	6.6								
Fluorene	U	6.6								
Indeno(1,2,3-cd)pyrene	U	6.6								
Naphthalene	U	6.6								
Phenanthrene	U	6.6								
Pyrene	U	6.6								
<i>Surr: 2-Fluorobiphenyl</i>	123.6	6.6	166.7	0	74.2	43-125	0			
<i>Surr: 4-Terphenyl-d14</i>	121.5	6.6	166.7	0	72.9	32-125	0			
<i>Surr: Nitrobenzene-d5</i>	126.8	6.6	166.7	0	76.1	37-125	0			

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47815** Instrument ID **SV-6** Method: **SW8270**

LCS		Sample ID: SLCSS2-101111-47815				Units: µg/Kg		Analysis Date: 11/11/2010 10:53 PM		
Client ID:		Run ID: SV-6_101111C				SeqNo: 2169560		Prep Date: 11/11/2010		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	122.4	6.6	166.7	0	73.5	50-120	0			
Acenaphthylene	129.7	6.6	166.7	0	77.8	50-120	0			
Anthracene	132.8	6.6	166.7	0	79.7	50-123	0			
Benz(a)anthracene	131.4	6.6	166.7	0	78.8	50-131	0			
Benzo(a)pyrene	134.1	6.6	166.7	0	80.4	50-130	0			
Benzo(b)fluoranthene	144.4	6.6	166.7	0	86.6	50-137	0			
Benzo(g,h,i)perylene	131.3	6.6	166.7	0	78.8	50-130	0			
Benzo(k)fluoranthene	134.9	6.6	166.7	0	80.9	50-143	0			
Chrysene	131	6.6	166.7	0	78.6	50-130	0			
Dibenz(a,h)anthracene	134.3	6.6	166.7	0	80.6	50-130	0			
Fluoranthene	141	6.6	166.7	0	84.6	50-131	0			
Fluorene	131.7	6.6	166.7	0	79	50-125	0			
Indeno(1,2,3-cd)pyrene	138.7	6.6	166.7	0	83.2	45-139	0			
Naphthalene	126.1	6.6	166.7	0	75.6	50-125	0			
Phenanthrene	129.2	6.6	166.7	0	77.5	50-125	0			
Pyrene	131.6	6.6	166.7	0	78.9	45-130	0			
<i>Surr: 2-Fluorobiphenyl</i>	<i>132</i>	<i>6.6</i>	<i>166.7</i>	<i>0</i>	<i>79.2</i>	<i>43-125</i>	<i>0</i>			
<i>Surr: 4-Terphenyl-d14</i>	<i>121.4</i>	<i>6.6</i>	<i>166.7</i>	<i>0</i>	<i>72.9</i>	<i>32-125</i>	<i>0</i>			
<i>Surr: Nitrobenzene-d5</i>	<i>126.8</i>	<i>6.6</i>	<i>166.7</i>	<i>0</i>	<i>76.1</i>	<i>37-125</i>	<i>0</i>			

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47815** Instrument ID **SV-6** Method: **SW8270**

MS		Sample ID: 1011409-04BMS				Units: µg/Kg		Analysis Date: 11/11/2010 11:32 PM		
Client ID:		Run ID: SV-6_101111C				SeqNo: 2169566		Prep Date: 11/11/2010		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	110.2	6.6	166.3	0	66.3	50-120	0			
Acenaphthylene	118.2	6.6	166.3	0	71.1	50-120	0			
Anthracene	140.8	6.6	166.3	0	84.7	50-123	0			
Benz(a)anthracene	166.4	6.6	166.3	7.246	95.7	50-131	0			
Benzo(a)pyrene	164.6	6.6	166.3	11.19	92.2	50-130	0			
Benzo(b)fluoranthene	211.5	6.6	166.3	16.55	117	50-137	0			
Benzo(g,h,i)perylene	162.7	6.6	166.3	12.99	90	50-130	0			
Benzo(k)fluoranthene	116.8	6.6	166.3	6.446	66.4	50-143	0			
Chrysene	123.7	6.6	166.3	11.73	67.3	50-130	0			
Dibenz(a,h)anthracene	153.7	6.6	166.3	3.494	90.3	50-130	0			
Fluoranthene	185.2	6.6	166.3	17.05	101	50-131	0			
Fluorene	134.7	6.6	166.3	0	81	50-125	0			
Indeno(1,2,3-cd)pyrene	187.3	6.6	166.3	11.72	106	45-139	0			
Naphthalene	105.3	6.6	166.3	0	63.3	50-125	0			
Phenanthrene	134.9	6.6	166.3	4.922	78.2	50-125	0			
Pyrene	150.3	6.6	166.3	13.51	82.3	45-130	0			
<i>Surr: 2-Fluorobiphenyl</i>	<i>118.1</i>	<i>6.6</i>	<i>166.3</i>	<i>0</i>	<i>71</i>	<i>43-125</i>	<i>0</i>			
<i>Surr: 4-Terphenyl-d14</i>	<i>124.3</i>	<i>6.6</i>	<i>166.3</i>	<i>0</i>	<i>74.7</i>	<i>32-125</i>	<i>0</i>			
<i>Surr: Nitrobenzene-d5</i>	<i>102.6</i>	<i>6.6</i>	<i>166.3</i>	<i>0</i>	<i>61.7</i>	<i>37-125</i>	<i>0</i>			

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47815** Instrument ID **SV-6** Method: **SW8270**

MSD		Sample ID: 1011409-04BMSD				Units: µg/Kg		Analysis Date: 11/11/2010 11:51 PM		
Client ID:		Run ID: SV-6_101111C				SeqNo: 2169567		Prep Date: 11/11/2010		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	109.9	6.6	166.5	0	66	50-120	110.2	0.332	30	
Acenaphthylene	130.5	6.6	166.5	0	78.4	50-120	118.2	9.83	30	
Anthracene	134.8	6.6	166.5	0	81	50-123	140.8	4.38	30	
Benz(a)anthracene	128.4	6.6	166.5	7.246	72.8	50-131	166.4	25.8	30	
Benzo(a)pyrene	178.1	6.6	166.5	11.19	100	50-130	164.6	7.89	30	
Benzo(b)fluoranthene	193.5	6.6	166.5	16.55	106	50-137	211.5	8.84	30	
Benzo(g,h,i)perylene	139.6	6.6	166.5	12.99	76	50-130	162.7	15.3	30	
Benzo(k)fluoranthene	123.7	6.6	166.5	6.446	70.4	50-143	116.8	5.73	30	
Chrysene	170.3	6.6	166.5	11.73	95.2	50-130	123.7	31.7	30	R
Dibenz(a,h)anthracene	131.6	6.6	166.5	3.494	76.9	50-130	153.7	15.5	30	
Fluoranthene	158.2	6.6	166.5	17.05	84.8	50-131	185.2	15.7	30	
Fluorene	128.5	6.6	166.5	0	77.2	50-125	134.7	4.77	30	
Indeno(1,2,3-cd)pyrene	182.7	6.6	166.5	11.72	103	45-139	187.3	2.45	30	
Naphthalene	113.5	6.6	166.5	0	68.1	50-125	105.3	7.43	30	
Phenanthrene	127.8	6.6	166.5	4.922	73.8	50-125	134.9	5.41	30	
Pyrene	153.1	6.6	166.5	13.51	83.8	45-130	150.3	1.79	30	
<i>Surr: 2-Fluorobiphenyl</i>	<i>113.7</i>	<i>6.6</i>	<i>166.5</i>	<i>0</i>	<i>68.3</i>	<i>43-125</i>	<i>118.1</i>	<i>3.82</i>	<i>30</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>126.1</i>	<i>6.6</i>	<i>166.5</i>	<i>0</i>	<i>75.7</i>	<i>32-125</i>	<i>124.3</i>	<i>1.42</i>	<i>30</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>98.86</i>	<i>6.6</i>	<i>166.5</i>	<i>0</i>	<i>59.4</i>	<i>37-125</i>	<i>102.6</i>	<i>3.71</i>	<i>30</i>	

The following samples were analyzed in this batch:

1011388-01A	1011388-02A	1011388-03A
1011388-04A		

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

Client: HRL Compliance Solutions Inc.
 Work Order: 1011388
 Project: RMV 39-16

QC BATCH REPORT

Batch ID: **R100665** Instrument ID **VOA3** Method: **SW8260**

MBLK	Sample ID: VBLKS1-111110-R100665				Units: µg/Kg		Analysis Date: 11/11/2010 11:21 AM			
Client ID:	Run ID: VOA3_101111A				SeqNo: 2167895		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
o-Xylene	U	5.0								
Toluene	U	5.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	41.33	0	50	0	82.7	70-128	0			
Surr: 4-Bromofluorobenzene	46.13	0	50	0	92.3	73-126	0			
Surr: Dibromofluoromethane	38.5	0	50	0	77	71-128	0			
Surr: Toluene-d8	52.96	0	50	0	106	73-127	0			

LCS	Sample ID: VLCSS1-111110-R100665				Units: µg/Kg		Analysis Date: 11/11/2010 10:26 AM			
Client ID:	Run ID: VOA3_101111A				SeqNo: 2167892		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	57.88	5.0	50	0	116	79-120	0			
Ethylbenzene	54.34	5.0	50	0	109	80-122	0			
m,p-Xylene	108.7	10	100	0	109	79-122	0			
o-Xylene	54.68	5.0	50	0	109	80-123	0			
Toluene	52.49	5.0	50	0	105	79-120	0			
Xylenes, Total	163.3	15	150	0	109	80-120	0			
Surr: 1,2-Dichloroethane-d4	44.25	0	50	0	88.5	70-128	0			
Surr: 4-Bromofluorobenzene	47.45	0	50	0	94.9	73-126	0			
Surr: Dibromofluoromethane	42.04	0	50	0	84.1	71-128	0			
Surr: Toluene-d8	51.15	0	50	0	102	73-127	0			

LCSD	Sample ID: VLCSDS1-111110-R100665				Units: µg/Kg		Analysis Date: 11/11/2010 10:54 AM			
Client ID:	Run ID: VOA3_101111A				SeqNo: 2167893		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	51.72	5.0	50	0	103	79-120	57.88	11.2	30	
Ethylbenzene	54.99	5.0	50	0	110	80-122	54.34	1.2	30	
m,p-Xylene	110	10	100	0	110	79-122	108.7	1.2	30	
o-Xylene	54.92	5.0	50	0	110	80-123	54.68	0.437	30	
Toluene	53.99	5.0	50	0	108	79-120	52.49	2.81	30	
Xylenes, Total	164.9	15	150	0	110	80-120	163.3	0.945	30	
Surr: 1,2-Dichloroethane-d4	45.22	0	50	0	90.4	70-128	44.25	2.15	30	
Surr: 4-Bromofluorobenzene	49.96	0	50	0	99.9	73-126	47.45	5.17	30	
Surr: Dibromofluoromethane	43.83	0	50	0	87.7	71-128	42.04	4.17	30	
Surr: Toluene-d8	51.9	0	50	0	104	73-127	51.15	1.47	30	

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **R100665** Instrument ID **VOA3** Method: **SW8260**

MS		Sample ID: 1011240-72AMS			Units: µg/Kg		Analysis Date: 11/11/2010 02:32 PM			
Client ID:		Run ID: VOA3_101111A			SeqNo: 2169593		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	35.94	5.0	50	0	71.9	79-120	0			S
Ethylbenzene	37.35	5.0	50	0	74.7	80-122	0			S
m,p-Xylene	74.71	10	100	0	74.7	79-122	0			S
o-Xylene	37.64	5.0	50	0	75.3	80-123	0			S
Toluene	39.01	5.0	50	0	78	79-120	0			S
Xylenes, Total	112.3	15	150	0	74.9	80-120	0			S
Surr: 1,2-Dichloroethane-d4	51.18	0	50	0	102	70-128	0			
Surr: 4-Bromofluorobenzene	48.93	0	50	0	97.9	73-126	0			
Surr: Dibromofluoromethane	46.48	0	50	0	93	71-128	0			
Surr: Toluene-d8	49.43	0	50	0	98.9	73-127	0			

MSD		Sample ID: 1011240-72AMSD			Units: µg/Kg		Analysis Date: 11/11/2010 02:59 PM			
Client ID:		Run ID: VOA3_101111A			SeqNo: 2169594		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	34.87	5.0	50	0	69.7	79-120	35.94	3.03	30	S
Ethylbenzene	35.24	5.0	50	0	70.5	80-122	37.35	5.82	30	S
m,p-Xylene	70.48	10	100	0	70.5	79-122	74.71	5.82	30	S
o-Xylene	35.86	5.0	50	0	71.7	80-123	37.64	4.85	30	S
Toluene	35.09	5.0	50	0	70.2	79-120	39.01	10.6	30	S
Xylenes, Total	106.3	15	150	0	70.9	80-120	112.3	5.49	30	S
Surr: 1,2-Dichloroethane-d4	50.13	0	50	0	100	70-128	51.18	2.08	30	
Surr: 4-Bromofluorobenzene	49.48	0	50	0	99	73-126	48.93	1.1	30	
Surr: Dibromofluoromethane	46.2	0	50	0	92.4	71-128	46.48	0.604	30	
Surr: Toluene-d8	49.01	0	50	0	98	73-127	49.43	0.845	30	

The following samples were analyzed in this batch:

1011388-01A	1011388-02A	1011388-03A
1011388-04A		

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

Client: HRL Compliance Solutions Inc.
Work Order: 1011388
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **47892** Instrument ID **UV-2450** Method: **SW7196**

MBLK Sample ID: **WBLKS1-111410-47892** Units: **mg/kg** Analysis Date: **11/15/2010 01:00 PM**

Client ID: Run ID: **UV-2450_101115A** SeqNo: **2172166** Prep Date: **11/14/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	U	2.0								

LCS Sample ID: **WLCSS1-111410-47892** Units: **mg/kg** Analysis Date: **11/15/2010 01:00 PM**

Client ID: Run ID: **UV-2450_101115A** SeqNo: **2172167** Prep Date: **11/14/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	11.68	2.4	11.82	0	98.8	80-120	0			

LCSD Sample ID: **WLCSDS1-111410-47892** Units: **mg/kg** Analysis Date: **11/15/2010 01:00 PM**

Client ID: Run ID: **UV-2450_101115A** SeqNo: **2172180** Prep Date: **11/14/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	9.727	2.0	9.805	0	99.2	80-120	11.68	18.2	20	

MS Sample ID: **1011466-01BMS** Units: **mg/kg** Analysis Date: **11/15/2010 01:00 PM**

Client ID: Run ID: **UV-2450_101115A** SeqNo: **2172182** Prep Date: **11/14/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	8.715	2.0	9.903	0	88	75-125	0			

DUP Sample ID: **1011466-01BDUP** Units: **mg/kg** Analysis Date: **11/15/2010 01:00 PM**

Client ID: Run ID: **UV-2450_101115A** SeqNo: **2172181** Prep Date: **11/14/2010** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	U	1.9	0	0	0	0-0	0	0	20	

The following samples were analyzed in this batch:

1011388-01A	1011388-02A	1011388-03A
1011388-04A		

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

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
WorkOrder: 1011388

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
M	Manually integrated, see raw data for justification
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>
DCS	Detectability Check Study
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
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<u>Units Reported</u>	<u>Description</u>
mg/Kg	Milligrams per Kilogram



Chain-of-Custody

Form 202r0

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

For metals or anions, please detail analytes below.

For metals or anions, please detail analytes below.		
Comments:	QC PACKAGE (check below)	
Total Barium No Baten on Metals Table 910-1	X	LEVEL I (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		



2225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202rb

[illegible]

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

For metals or anions, please detail analytes below.

Comments:		QC PACKAGE (check below)							RELINQUISHED BY		SIGNATURE	PRINTED NAME	DATE	TIME
		X	LEVEL II (Standard QC)					RECEIVED BY			Salvador Yanez	11/8/10	4:20	
			LEVEL III (Std QC + forms)					RELINQUISHED BY						
			LEVEL IV (Std QC + forms + raw data)					RECEIVED BY						
							RELINQUISHED BY							
							RECEIVED BY							

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

Preservative Key:	1-HCl	2-HNO ₃	3-H ₂ SO ₄	4-NaOH	5-NaHSO ₄	7-Other	8-4 degrees C	9-5035
-------------------	-------	--------------------	----------------------------------	--------	----------------------	---------	---------------	--------

Sample Receipt Checklist

Client Name: **HRL COMPLIANCE**

Date/Time Received: **10-Nov-10 00:00**

Work Order: **1011388**

Received by: **LOT**

Checklist completed by **R aymond N Gamboa**

16-Nov-10

Reviewed by: **Bethany Agarwal**

17-Nov-10

eSignature

Date

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 type="checkbox"/>	No <input checked="" 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):	<div>4.2c002</div>		
Cooler(s)/Kit(s):	<div></div>		
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:	<div></div>		

Login Notes: samples Background 1,2,3 were received with labels not attached. Containers for SAR analysis for drainage lower, drainage upper, and BLM Access rd.

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

1011388

1800.463.333

RECEIVED: 11/14/10

has partial cost but is not for FedEx service only

Date 11/4/10

FedEx
Tracking Number

873530483593

Sender's
Name

Real World

Phone

714 248-3701

Company

Real World

Address

7414 1st St. #1140

City

San Diego

State

ZIP

92154

Dept./Suite/Room

2 Your Internal Billing Reference

CUSTODY SEAL



9601 San Leandro St. Oakland, CA 94603-0425

Date: 11/4/10

Signature:

Real World



06-Dec-2010

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

Re: **Williams RMV 39-16 11/18/10**

Work Order: **1011636**

Dear Mark,

ALS Environmental received 2 samples on 24-Nov-2010 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 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 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions
Project: Williams RMV 39-16 11/18/10
Work Order: 1011636**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>
1011636-01	Lower Drainage	Solid		11/18/2010 12:35	11/24/2010 10:00	<input type="checkbox"/>
1011636-02	Upper Drainage	Solid		11/18/2010 12:45	11/24/2010 10:00	<input type="checkbox"/>

ALS Group USA, Corp

Date: 06-Dec-10

Client: HRL Compliance Solutions
Project: Williams RMV 39-16 11/18/10
Work Order: 1011636

Case Narrative

Batch R84282 samples for pH were received after the hold time had expired.

Client: HRL Compliance Solutions
Project: Williams RMV 39-16 11/18/10
WorkOrder: 1011636

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
SD	Serial Dilution

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

ALS Group USA, Corp

Date: 06-Dec-10

Client: HRL Compliance Solutions
Project: Williams RMV 39-16 11/18/10
Sample ID: Lower Drainage
Collection Date: 11/18/2010 12:35 PM

Work Order: 1011636
Lab ID: 1011636-01
Matrix: SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
SUBCONTRACTED ANALYSES						
Subcontracted Analyses	Rcvd 12/6/10		SUBCONTRACT	attached	1	Analyst: A&LGL 12/3/2010
PH			SW9045D			Analyst: JJG
pH	8.3	H		s.u.	1	11/24/2010 01:00 PM

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

ALS Group USA, Corp

Date: 06-Dec-10

Client: HRL Compliance Solutions
Project: Williams RMV 39-16 11/18/10
Sample ID: Upper Drainage
Collection Date: 11/18/2010 12:45 PM

Work Order: 1011636
Lab ID: 1011636-02
Matrix: SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
SUBCONTRACTED ANALYSES			SUBCONTRACT			Analyst: A&LGL
Subcontracted Analyses	Rcvd 12/6/10		attached		1	12/3/2010
PH			SW9045D			Analyst: JJG
pH	8.7	H		s.u.	1	11/24/2010 01:00 PM

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

Report Number: F10335-0311

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: 1011636
02A UPPER DRAINAGE
01A LOWER DRAINAGE

DATE RECEIVED: 12/01/2010

DATE REPORTED: 12/03/2010

PAGE: 1

ATTN: ANN PRESTON

REPORT OF ANALYSIS

LAB NO.	SAMPLE ID	ANALYSIS	RESULT	UNIT	METHOD
6669	01A	Sat'd Paste Extraction with DIW	1		USDA Handbook 60
		Conductivity (ECe)	3.34	mmho/cm	USDA Handbook 60
		Calcium (Sat'd Paste)	316	ppm	USDA Handbook 60
		Magnesium (Sat'd Paste)	29	ppm	USDA Handbook 60
		Sodium (Sat'd Paste)	492	ppm	USDA Handbook 60
		Sodium Adsorption Ratio	7.1	-	USDA Handbook 60
6670	02A	Sat'd Paste Extraction with DIW	1		USDA Handbook 60
		Conductivity (ECe)	1.75	mmho/cm	USDA Handbook 60
		Calcium (Sat'd Paste)	99	ppm	USDA Handbook 60
		Magnesium (Sat'd Paste)	11	ppm	USDA Handbook 60
		Sodium (Sat'd Paste)	267	ppm	USDA Handbook 60
		Sodium Adsorption Ratio	6.8	-	USDA Handbook 60

ALS Group USA, Corp

Date: 06-Dec-10

Client: HRL Compliance Solutions
Work Order: 1011636
Project: Williams RMV 39-16 11/18/10

QC BATCH REPORT

Batch ID: **R84186** Instrument ID **WETCHEM** Method: **A4500-H B**

DUP	Sample ID: 1011641-02A DUP				Units: s.u.		Analysis Date: 11/24/2010 01:00 PM			
Client ID:	Run ID: WETCHEM_101124I				SeqNo: 1491402		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.79	0	0	0	0	0-0	8.79	0	20	

DUP	Sample ID: 1011636-02B DUP				Units: s.u.		Analysis Date: 11/24/2010 01:00 PM			
Client ID: Upper Drainage	Run ID: WETCHEM_101124I				SeqNo: 1491405		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.67	0	0	0	0	0-0	8.67	0	20	H

The following samples were analyzed in this batch:

1011636-01B	1011636-02B
-------------	-------------

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



☐ **ALS Laboratory Group**

10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page 1 of 1

☒ **ALS Laboratory Group**

3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

Customer Information			Project Information				Parameter/Method Request for Analysis												
Purchase Order	Project Name	Project Number	A SAR, Ec, PH																
Work Order	Project Number	Project Number	B																
Company Name	Bill To Company	Bill To Company	C																
Send Report To	Invoice Attn	Invoice Attn	D																
Address	Address	Address	E																
City/State/Zip	City/State/Zip	City/State/Zip	F																
Phone	Phone	Phone	G																
Fax	Fax	Fax	H																
e-Mail Address	e-Mail Address	e-Mail Address	I																
e-Mail Address	e-Mail Address	e-Mail Address	J																
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold		
1	Lower Drainage	11/18/10	12:35	SO	<4°C	1 bag	X												
2	Upper Drainage	11/18/10	12:45	SO	<4°C	1 bag	X												
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler(s) Please Print & Sign <i>Reed Wolf</i>		Shipment Method <i>FedEx</i>		Required Turnaround Time: (Check Box) <input type="checkbox"/> STD 10 Wk Days <input checked="" type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour				Results Due Date: <i>5 day</i>									
Relinquished by: <i>Reed Wolf</i>		Date: <i>11/24/10</i>		Time: <i>1000</i>		Received by: <i>FED EX</i>		Notes:									
Relinquished by: <i>FED EX</i>		Date: <i>11/24/10</i>		Time: <i>1000</i>		Received by (Laboratory): <i>DFs</i>		Cooler ID		Cooler Temp <i>5.2°C</i>		QC Package: (Check One Box Below)					
Logged by (Laboratory): <i>DFs</i>		Date: <i>11/24/10</i>		Time: <i>1400</i>		Checked by (Laboratory):						<input type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP Checklist <input type="checkbox"/> Level III Std QC/Raw Date <input type="checkbox"/> TRRP Level IV <input type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other					

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Sample Receipt Checklist

Client Name: **HRL**

Date/Time Received: **24-Nov-10 10:00**

Work Order: **1011636**

Received by: **DS**

Checklist completed by Diane Shaw 24-Nov-10
eSignature Date

Reviewed by: Joseph Ribar 24-Nov-10
eSignature Date

Matrices: **Solid**

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>5.2 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.com 1.800.GoFedEx 1.800.463.3339

FedEx Express US Airbill

FedEx Tracking Number

8739 4920 7632

0200

Form ID No.

FedEx Retrieval Copy

1 From

Date 11/23/10

Sender's FedEx Account Number

Sender's Name

Reed World

Phone 970 243-3271

Company

HRH Compliance

Address

744 Horizon Ct Ste 140

Dept./Floor/Suite/Room

City

Grand Junction

State

CO

ZIP

81507

2 Your Internal Billing Reference

3 To

Recipient's Name

Sample Receiving

Phone 616 399-6070

Company

ALS Group

Address

335a 128th Ave

Dept./Floor/Suite/Room

Address

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

City Holland

State MI

ZIP

49424



8739 4920 7632

4a Express Package Service

* To most locations.

Packages up to 150 lbs.

01 ☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight
Next business afternoon.* Saturday Delivery NOT available.

06 ☐ FedEx First Overnight
Earliest next business morning delivery to select locations.*

03 ☐ FedEx 2Day
Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver
Third business day.* Saturday Delivery NOT available.

4b Express Freight Service

** To most locations.

Packages over 150 lbs.

70 ☐ FedEx 1Day Freight
Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

80 ☐ FedEx 2Day Freight
Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 ☐ FedEx 3Day Freight
Third business day.** Saturday Delivery NOT available.

5 Packaging

* Declared value limit \$500.

06 ☐ FedEx Envelope*

02 ☐ FedEx Pak*
Includes FedEx Small Pak and FedEx Large Pak.

03 ☐ FedEx Box

04 ☒ FedEx Tube

01 ☐ Other

6 Special Handling and Delivery Signature Options

03 SATURDAY DELIVERY

☒ No Signature Required
Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature
Someone at recipient's address may sign for delivery. Fee applies.

34 ☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

☒ No 04 ☐ Yes
One box must be checked. As per attached Shipper's Declaration.

☐ Yes
Shipper's Declaration not required.

06 ☐ Dry Ice
Dry Ice, 9 UN 1845

☐ Cargo Aircraft Only

7 Payment Bill to:

1 ☐ Sender
Acct. No. in Section 2 will be billed.

2 ☒ Recipient

3 ☐ Third Party

4 ☐ Credit Card

Obtain recip. Acct. No. ☐

Total Packages

Total Weight

Credit Card Auth.

Your liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details.

606



22-Dec-2010

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

Tel: (970) 243-3271
Fax: (970) 243-3230

Re: RMV 39-16

Work Order: **1012519**

Dear Mark,

ALS Environmental received 3 samples on 15-Dec-2010 08:50 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. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by 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 call me.

Sincerely,

A handwritten signature in cursive script that reads "Bethany Agarwal".

Electronically approved by: Glenda H. Ramos

Bethany Agarwal
Project Manager



Certificate No: T104704231-09A-TX

ADDRESS 10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 | PHONE (281) 530-5656 | FAX (281) 530-5887

DOV#JURXS#KVD/FRUS#Sdw#k i#kh#D OV#Dderudwru|J urxs#D #dp seha#Burwkhuv#Dp wng#Frp sdq|

Environmental ALS

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RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
Work Order: 1012519

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>
1012519-01	BG 1	Soil		12/13/2010 11:40	12/15/2010 08:50	<input type="checkbox"/>
1012519-02	BG 2	Soil		12/13/2010 11:45	12/15/2010 08:50	<input type="checkbox"/>
1012519-03	BG 3	Soil		12/13/2010 11:50	12/15/2010 08:50	<input type="checkbox"/>

ALS Environmental

Date: 22-Dec-10

Client: HRL Compliance Solutions Inc.

Project: RMV 39-16

Sample ID: BG 1

Collection Date: 12/13/2010 11:40 AM

Work Order: 1012519

Lab ID: 1012519-01

Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep: SW3050A / 12/20/10		Analyst: SKS
Arsenic	4.30		0.056	0.463	mg/Kg	1	12/21/2010 05:04

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

ALS Environmental

Date: 22-Dec-10

Client: HRL Compliance Solutions Inc.

Project: RMV 39-16

Sample ID: BG 2

Collection Date: 12/13/2010 11:45 AM

Work Order: 1012519

Lab ID: 1012519-02

Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep: SW3050A / 12/20/10		Analyst: SKS
Arsenic	1.89		0.052	0.435	mg/Kg	1	12/21/2010 05:10

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

ALS Environmental

Date: 22-Dec-10

Client: HRL Compliance Solutions Inc.

Project: RMV 39-16

Sample ID: BG 3

Collection Date: 12/13/2010 11:50 AM

Work Order: 1012519

Lab ID: 1012519-03

Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS			Method: SW6020		Prep: SW3050A / 12/20/10		Analyst: SKS
Arsenic	3.32		0.056	0.463	mg/Kg	1	12/21/2010 05:16

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

ALS Environmental

Date: 22-Dec-10

Client: HRL Compliance Solutions Inc.
Work Order: 1012519
Project: RMV 39-16

QC BATCH REPORT

Batch ID: **48842** Instrument ID **ICPMS04** Method: **SW6020**

MBLK	Sample ID: MBLKS3-122010-48842				Units: mg/Kg		Analysis Date: 12/21/2010 04:51 A			
Client ID:	Run ID: ICPMS04_101220A				SeqNo: 2221746		Prep Date: 12/20/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.0621	0.50								J

LCS	Sample ID: MLCSS3-122010-48842				Units: mg/Kg		Analysis Date: 12/21/2010 04:58 A			
Client ID:	Run ID: ICPMS04_101220A				SeqNo: 2221747		Prep Date: 12/20/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.773	0.50	10	0	97.7	80-120	0			

MS	Sample ID: 1012610-14CMS				Units: mg/Kg		Analysis Date: 12/21/2010 08:56 A			
Client ID:	Run ID: ICPMS04_101220A				SeqNo: 2222191		Prep Date: 12/20/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.52	0.46	9.259	0.9152	104	75-125	0			

MSD	Sample ID: 1012610-14CMSD				Units: mg/Kg		Analysis Date: 12/21/2010 11:27 A			
Client ID:	Run ID: ICPMS04_101220A				SeqNo: 2222558		Prep Date: 12/20/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.49	0.46	9.174	0.9152	104	75-125	10.52	0.274	25	

DUP	Sample ID: 1012610-14CDUP				Units: mg/Kg		Analysis Date: 12/21/2010 08:50 A			
Client ID:	Run ID: ICPMS04_101220A				SeqNo: 2222190		Prep Date: 12/20/2010		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.9946	0.47	0	0	0	0-0	0.9152	8.31	25	

The following samples were analyzed in this batch:

1012519-01A	1012519-02A	1012519-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions Inc.
Project: RMV 39-16
WorkOrder: 1012519

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
M	Manually integrated, see raw data for justification
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>
DCS	Detectability Check Study
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
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<u>Units Reported</u>	<u>Description</u>
mg/Kg	Milligrams per Kilogram

Sample Receipt Checklist

Client Name: **HRL COMPLIANCE**

Date/Time Received: **15-Dec-10 08:50**

Work Order: **1012519**

Received by: **LOT**

Checklist completed by *Segin Tuck* 15-Dec-10
eSignature Date

Reviewed by: *Lithany Agarwal* 16-Dec-10
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>2.9</u> <u>002</u>		
Cooler(s)/Kit(s):	<u>N/A</u>		
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:	<u>-</u>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

1012519

CUSTODY SEAL



ENVIRONMENTAL SAMPLING SUPPLY
9601 San Leandro St., Oakland, CA 94618-8425

Signature

12/14/10

Red Wolf

CUSTODY SEAL



ENVIRONMENTAL SAMPLING SUPPLY
9601 San Leandro St. Oakland, CA 94618-8425

Date: 12/14/10

Signature: *Red Wolf*

This portion can be removed for Recipient's records.

12/14/10

FedEx
Tracking Number

873530486607

Sender's
name

Red Wolf

Phone 970 243 3271

Company *HRL compliance*

Address *7441 Horizon Ct Ste 140*

Dept/Floor/Box/Room

Grand Junction State *CO* ZIP *81506*

or Internal Billing Reference