

## 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  
11/22/2011

1. OGCC Operator Number: <u>10079</u>	4. Contact Name <u>Gerald G. Alberts</u>	Complete the Attachment Checklist  OP OGCC
2. Name of Operator: <u>Antero Resources Corporation</u>	Phone: <u>303-357-7341</u>	
3. Address: <u>1625 17th Street</u> City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	Fax: <u>303-357-7315</u>	
5. API Number: <u>05-045-19958</u>	OGCC Facility ID Number: <u>417777</u>	Survey Plat
6. Well/Facility Name: <u>Fret A Pad</u>	7. Well/Facility Number: <u># A1</u>	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): <u>SWSW 7 6S 91W 6th</u>		Surface Eqpm Diagram
9. County: <u>Garfield County</u>	10. Field Name: <u>Piceance</u>	Technical Info Page <input checked="" type="checkbox"/>
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"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Change of Surface Footage to Exterior Section Lines: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Change of Bottomhole Footage from Exterior Section Lines: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Change of Bottomhole Footage to Exterior Section Lines: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> attach directional survey Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer _____ 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 _____	
<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 _____ *submit cbl and cement job summaries	
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004. Final reclamation will commence on approximately _____ <input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

## Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent Approximate Start Date: _____	<input checked="" type="checkbox"/> Report of Work Done Date Work Completed: <u>October 29, 2011</u>
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"/> Change Drilling Plans <input type="checkbox"/> Gross Interval Changed? <input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Request to Vent or Flare <input type="checkbox"/> Repair Well <input type="checkbox"/> Rule 502 variance requested <input type="checkbox"/> Other: _____
<input type="checkbox"/> E&P Waste Disposal <input type="checkbox"/> Beneficial Reuse of E&P Waste <input checked="" type="checkbox"/> Status Update/Change of Remediation Plans 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: Gerald G. Alberts  
Print Name: Gerald G. AlbertsDate: Nov 21, 2011 Email: jalberts@anteroresources.com  
Title: Manager, Environmental and Regulatory

COGCC Approved: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_



Page 2

## TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 10079 API Number: 05-045-19958
2. Name of Operator: Antero Resources Corporation OGCC Facility ID #: 417777
3. Well/Facility Name: Frei A Pad Well/Facility Number: #A1
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSW 7 6S 91W 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**

Please see attached analytical results in reference to Spill # 2216952. Confirmation sampling was completed on October 29, 2011.



07-Nov-2011

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

Re: **Antero Frei A Pad Flowback Release 11-289 10/30/11**

Work Order: **1111063**

Dear Mark,

ALS Environmental received 4 samples 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 29.

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 

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER

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**Client:** HRL Compliance Solutions  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/11  
**Work Order:** 1111063

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**Work Order Sample Summary**

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<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>
1111063-01	Background 1	Soil		10/30/2011 10:00	11/2/2011 10:00	<input type="checkbox"/>
1111063-02	Background 2	Soil		10/30/2011 10:05	11/2/2011 10:00	<input type="checkbox"/>
1111063-03	Background 3	Soil		10/30/2011 10:10	11/2/2011 10:00	<input type="checkbox"/>
1111063-04	On Pad	Soil		10/30/2011 10:15	11/2/2011 10:00	<input type="checkbox"/>

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## ALS Group USA, Corp

*Date: 07-Nov-11*

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**Client:** HRL Compliance Solutions  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/11  
**Work Order:** 1111063

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### Case Narrative

Batch 37147 MS/MSD data for Hexavalent Chromium is not related to this project's samples.

Batch 37086 MS/MSD data for Metals is not related to this project's samples.

**Client:** HRL Compliance Solutions  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/11  
**WorkOrder:** 1111063

## **QUALIFIERS, ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	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

<b><u>Acronym</u></b>	<b><u>Description</u></b>
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

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
% of sample	Percent of Sample
µg/Kg-dry as noted	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight
s.u.	Standard Units

# ALS Group USA, Corp

Date: 07-Nov-11

**Client:** HRL Compliance Solutions

**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/11

**Work Order:** 1111063

**Sample ID:** Background 1

**Lab ID:** 1111063-01

**Collection Date:** 10/30/2011 10:00 AM

**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>			<b>SW6020A</b>		Prep Date: <b>11/2/2011</b>	Analyst: <b>CES</b>
Arsenic	2.8		0.98	mg/Kg-dry	2	11/3/2011 02:06 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
Moisture	24		0.050	% of sample	1	11/2/2011 01:11 PM

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

# ALS Group USA, Corp

Date: 07-Nov-11

**Client:** HRL Compliance Solutions

**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/11

**Work Order:** 1111063

**Sample ID:** Background 2

**Lab ID:** 1111063-02

**Collection Date:** 10/30/2011 10:05 AM

**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>			<b>SW6020A</b>		Prep Date: <b>11/2/2011</b>	Analyst: <b>CES</b>
Arsenic	4.0		0.97	mg/Kg-dry	2	11/3/2011 02:12 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
Moisture	21		0.050	% of sample	1	11/2/2011 01:11 PM

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



**ALS Group USA, Corp****Date:** 07-Nov-11**Client:** HRL Compliance Solutions**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/11**Work Order:** 1111063**Sample ID:** Background 3**Lab ID:** 1111063-03**Collection Date:** 10/30/2011 10:10 AM**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS BY ICP-MS</b>						
Arsenic	2.6		SW6020A 0.86	mg/Kg-dry	Prep Date: 11/2/2011 2	Analyst: CES 11/3/2011 02:17 PM
<b>SUBCONTRACTED ANALYSES</b>						
Subcontracted Analyses	Rcvd 11/5/11		SUBCONTRACT as noted		1	Analyst: A&LGL 11/5/2011
<b>MOISTURE</b>						
Moisture	28		A2540 G 0.050	% of sample	1	Analyst: CG 11/2/2011 11:12 AM
<b>PH</b>						
pH	7.45		SW9045D	s.u.	1	Analyst: JJG 11/2/2011 08:30 AM

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

# ALS Group USA, Corp

Date: 07-Nov-11

Client: HRL Compliance Solutions

Project: Antero Frei A Pad Flowback Release 11-289 10/30/11

Work Order: 1111063

Sample ID: On Pad

Lab ID: 1111063-04

Collection Date: 10/30/2011 10:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>DIESEL RANGE ORGANICS BY GC-FID</b>						
<b>DRO (C10-C28)</b>	<b>180</b>		<b>SW8015M</b>		Prep Date: <b>11/3/2011</b>	Analyst: <b>RM</b>
<i>Surr: 4-Terphenyl-d14</i>	73.7		4.6	mg/Kg-dry	1	11/3/2011 11:55 AM
			39-115	%REC	1	11/3/2011 11:55 AM
<b>GASOLINE RANGE ORGANICS BY GC-FID</b>						
<b>GRO (C6-C10)</b>	<b>33</b>		<b>SW8015</b>			Analyst: <b>JD</b>
<i>Surr: Toluene-d8</i>	96.2		5.6	mg/Kg-dry	100	11/3/2011 07:15 AM
			50-150	%REC	100	11/3/2011 07:15 AM
<b>MERCURY BY CVAA</b>						
Mercury	ND		<b>SW7471</b>		Prep Date: <b>11/2/2011</b>	Analyst: <b>LR</b>
			0.020	mg/Kg-dry	1	11/3/2011 01:40 PM
<b>METALS BY ICP-MS</b>						
<b>Arsenic</b>	<b>1.6</b>		<b>SW6020A</b>		Prep Date: <b>11/2/2011</b>	Analyst: <b>CES</b>
<b>Barium</b>	<b>5,500</b>		0.98	mg/Kg-dry	2	11/3/2011 02:22 PM
Cadmium	ND		98	mg/Kg-dry	200	11/3/2011 03:36 PM
<b>Chromium</b>	<b>11</b>		0.39	mg/Kg-dry	2	11/3/2011 02:22 PM
<b>Copper</b>	<b>14</b>		0.98	mg/Kg-dry	2	11/3/2011 02:22 PM
<b>Lead</b>	<b>6.3</b>		0.98	mg/Kg-dry	2	11/3/2011 02:22 PM
<b>Nickel</b>	<b>9.9</b>		0.98	mg/Kg-dry	2	11/3/2011 02:22 PM
Selenium	ND		0.98	mg/Kg-dry	2	11/3/2011 02:22 PM
Silver	ND		0.98	mg/Kg-dry	2	11/3/2011 02:22 PM
<b>Zinc</b>	<b>200</b>		2.0	mg/Kg-dry	2	11/3/2011 02:22 PM
<b>SUBCONTRACTED ANALYSES</b>						
Subcontracted Analyses	Rcvd 11/5/11		<b>SUBCONTRACT</b>			Analyst: <b>A&amp;LGL</b>
			as noted		1	11/5/2011
<b>SEMI-VOLATILE ORGANIC COMPOUNDS</b>						
<b>Acenaphthene</b>	<b>ND</b>		<b>SW8270</b>		Prep Date: <b>11/3/2011</b>	Analyst: <b>JJ</b>
<b>Anthracene</b>	<b>37</b>		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Benzo(a)anthracene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Benzo(a)pyrene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Benzo(b)fluoranthene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Benzo(g,h,i)perylene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Benzo(k)fluoranthene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Chrysene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Dibenzo(a,h)anthracene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Fluoranthene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Fluorene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Indeno(1,2,3-cd)pyrene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Naphthalene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
Pyrene	ND		33	µg/Kg-dry	1	11/3/2011 12:22 PM
<i>Surr: 2,4,6-Tribromophenol</i>	93.8		34-140	%REC	1	11/3/2011 12:22 PM

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

# ALS Group USA, Corp

Date: 07-Nov-11

**Client:** HRL Compliance Solutions

**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/11

**Work Order:** 1111063

**Sample ID:** On Pad

**Lab ID:** 1111063-04

**Collection Date:** 10/30/2011 10:15 AM

**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	77.1		12-100	%REC	1	11/3/2011 12:22 PM
<i>Surr: 2-Fluorophenol</i>	85.0		33-117	%REC	1	11/3/2011 12:22 PM
<i>Surr: 4-Terphenyl-d14</i>	99.3		25-137	%REC	1	11/3/2011 12:22 PM
<i>Surr: Nitrobenzene-d5</i>	90.0		37-107	%REC	1	11/3/2011 12:22 PM
<i>Surr: Phenol-d6</i>	90.8		40-106	%REC	1	11/3/2011 12:22 PM
<b>VOLATILE ORGANIC COMPOUNDS</b>			<b>SW8260</b>			Analyst: <b>BG</b>
Benzene	ND		110	µg/Kg-dry	100	11/3/2011 05:36 AM
Ethylbenzene	ND		220	µg/Kg-dry	100	11/3/2011 05:36 AM
<b>m,p-Xylene</b>	<b>790</b>		<b>220</b>	<b>µg/Kg-dry</b>	100	11/3/2011 05:36 AM
<b>o-Xylene</b>	<b>150</b>		<b>110</b>	<b>µg/Kg-dry</b>	100	11/3/2011 05:36 AM
<b>Toluene</b>	<b>190</b>		<b>170</b>	<b>µg/Kg-dry</b>	100	11/3/2011 05:36 AM
<b>Xylenes, Total</b>	<b>950</b>		<b>330</b>	<b>µg/Kg-dry</b>	100	11/3/2011 05:36 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-120	%REC	100	11/3/2011 05:36 AM
<i>Surr: 4-Bromofluorobenzene</i>	101		75-120	%REC	100	11/3/2011 05:36 AM
<i>Surr: Dibromofluoromethane</i>	98.0		85-115	%REC	100	11/3/2011 05:36 AM
<i>Surr: Toluene-d8</i>	101		85-115	%REC	100	11/3/2011 05:36 AM
<b>CHROMIUM, TRIVALENT</b>			<b>CALCULATION</b>			Analyst: <b>MB</b>
<b>Chromium, Trivalent</b>	<b>10</b>		<b>0.56</b>	<b>mg/Kg-dry</b>	1	11/3/2011 05:00 PM
<b>CHROMIUM, HEXAVALENT</b>			<b>SW7196A</b>		Prep Date: <b>11/3/2011</b>	Analyst: <b>MB</b>
Chromium, Hexavalent	ND		0.51	mg/Kg-dry	1	11/3/2011 04:30 PM
<b>MOISTURE</b>			<b>A2540 G</b>			Analyst: <b>CG</b>
<b>Moisture</b>	<b>10</b>		<b>0.050</b>	<b>% of sample</b>	1	11/2/2011 11:12 AM
<b>PH</b>			<b>SW9045D</b>			Analyst: <b>JJG</b>
<b>pH</b>	<b>9.79</b>			<b>s.u.</b>	1	11/2/2011 08:30 AM

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

Report Number: F11307-0733

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: 1111063

DATE RECEIVED: 11/03/2011

DATE REPORTED: 11/05/2011

PAGE: 1

P.O. NUMBER: 20-122011145

ATTN: ANN PRESTON

## REPORT OF ANALYSIS

LAB NO.	SAMPLE ID	ANALYSIS	RESULT	UNIT	METHOD
43754	03B	Sat'd Paste Extraction with DIW	1		USDA Handbook 60
		Conductivity (ECe)	0.20	mmho/cm	USDA Handbook 60
		Calcium (Sat'd Paste)	25	ppm	USDA Handbook 60
		Magnesium (Sat'd Paste)	8	ppm	USDA Handbook 60
		Sodium (Sat'd Paste)	15	ppm	USDA Handbook 60
		Sodium Adsorption Ratio	0.7	-	USDA Handbook 60
43755	04C	Sat'd Paste Extraction with DIW	1		USDA Handbook 60
		Conductivity (ECe)	2.01	mmho/cm	USDA Handbook 60
		Calcium (Sat'd Paste)	10	ppm	USDA Handbook 60
		Magnesium (Sat'd Paste)	3	ppm	USDA Handbook 60
		Sodium (Sat'd Paste)	1351	ppm	USDA Handbook 60
		Sodium Adsorption Ratio	95.9	-	USDA Handbook 60

Client: HRL Compliance Solutions

# QC BATCH REPORT

Work Order: 1111063

Project: Antero Frei A Pad Flowback Release 11-289 10/30/

Batch ID: 37092

Instrument ID GC8

Method: SW8015M

<b>MBLK</b>		Sample ID: <b>DBLKS1-37092-37092</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 11:55 AM</b>		
Client ID:		Run ID: <b>GC8_111103A</b>				SeqNo: <b>1806126</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	ND	4.2								
Surr: 4-Terphenyl-d14	1.151	0	1.667	0	69	39-115	0			

<b>LCS</b>		Sample ID: <b>DLCSS1-37092-37092</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 11:10 AM</b>		
Client ID:		Run ID: <b>GC8_111103A</b>				SeqNo: <b>1810008</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	161.8	4.2	166.7	0	97.1	60-130	0			
Surr: 4-Terphenyl-d14	1.102	0	1.667	0	66.1	39-115	0			

<b>LCSD</b>		Sample ID: <b>DLCSDS1-37092-37092</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 11:10 AM</b>		
Client ID:		Run ID: <b>GC8_111103A</b>				SeqNo: <b>1810010</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	164.1	4.2	166.7	0	98.5	60-130	161.8	1.43	30	
Surr: 4-Terphenyl-d14	1.044	0	1.667	0	62.6	39-115	1.102	5.44	30	

The following samples were analyzed in this batch:

1111063-04B

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **R97189**      Instrument ID **GC10**      Method: **SW8015**

<b>MBLK</b>		Sample ID: <b>MBLK-R97189-R97189</b>				Units: <b>µg/L</b>		Analysis Date: <b>11/3/2011 01:51 AM</b>		
Client ID:		Run ID: <b>GC10_111103A</b>				SeqNo: <b>1805947</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	200								
<i>Surr: Toluene-d8</i>	93.35	0	100	0	93.4	70-130	0			

<b>LCS</b>		Sample ID: <b>LCS-R97189-R97189</b>				Units: <b>µg/L</b>		Analysis Date: <b>11/3/2011 12:36 PM</b>		
Client ID:		Run ID: <b>GC10_111103A</b>				SeqNo: <b>1805948</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	25710	200	25000	0	103	70-130	0			
<i>Surr: Toluene-d8</i>	89.25	0	100	0	89.2	70-130	0			

<b>LCSD</b>		Sample ID: <b>LCSD-R97189-R97189</b>				Units: <b>µg/L</b>		Analysis Date: <b>11/3/2011 01:01 AM</b>		
Client ID:		Run ID: <b>GC10_111103A</b>				SeqNo: <b>1805946</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	24860	200	25000	0	99.4	70-130	25710	3.36	30	
<i>Surr: Toluene-d8</i>	90.34	0	100	0	90.3	70-130	89.25	1.21	30	

The following samples were analyzed in this batch:

1111063-04A

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **37082**      Instrument ID **HG1**      Method: **SW7471**

<b>MBLK</b>	Sample ID: <b>MBLK-37082-37082</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:12 PM</b>		
Client ID:	Run ID: <b>HG1_111103A</b>				SeqNo: <b>1805727</b>		Prep Date: <b>11/2/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury      ND      0.020

<b>LCS</b>	Sample ID: <b>LCS-37082-37082</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:14 PM</b>		
Client ID:	Run ID: <b>HG1_111103A</b>				SeqNo: <b>1805728</b>		Prep Date: <b>11/2/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury      0.1666      0.020      0.1665      0      100      80-120      0

<b>LCSD</b>	Sample ID: <b>LCSD-37082-37082</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:16 PM</b>		
Client ID:	Run ID: <b>HG1_111103A</b>				SeqNo: <b>1805729</b>		Prep Date: <b>11/2/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury      0.1668      0.020      0.1665      0      100      80-120      0.1666      0.15      20

<b>MS</b>	Sample ID: <b>1111055-02BMS</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:25 PM</b>		
Client ID:	Run ID: <b>HG1_111103A</b>				SeqNo: <b>1805733</b>		Prep Date: <b>11/2/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury      0.1482      0.017      0.1409      0.001573      104      75-125      0

<b>MSD</b>	Sample ID: <b>1111055-02BMSD</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:27 PM</b>		
Client ID:	Run ID: <b>HG1_111103A</b>				SeqNo: <b>1805734</b>		Prep Date: <b>11/2/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury      0.1491      0.017      0.1452      0.001573      102      75-125      0.1482      0.599      35

The following samples were analyzed in this batch:

1111063-04B

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **37086** Instrument ID **ICPMS1** Method: **SW6020A**

<b>MBLK</b>		Sample ID: <b>MBLK-37086-37086</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:35 PM</b>		
Client ID:		Run ID: <b>ICPMS1_111103A</b>				SeqNo: <b>1805872</b>		Prep Date: <b>11/2/2011</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Barium	ND	0.25								
Cadmium	ND	0.10								
Chromium	ND	0.25								
Copper	ND	0.25								
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	ND	0.25								
Silver	ND	0.25								
Zinc	ND	0.50								

<b>LCS</b>		Sample ID: <b>LCS-37086-37086</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:40 PM</b>		
Client ID:		Run ID: <b>ICPMS1_111103A</b>				SeqNo: <b>1805873</b>		Prep Date: <b>11/2/2011</b>		DF: <b>2</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.219	0.50	5	0	84.4	80-120	0			
Barium	4.283	0.50	5	0	85.7	80-120	0			
Cadmium	4.552	0.20	5	0	91	80-120	0			
Chromium	4.311	0.50	5	0	86.2	80-120	0			
Copper	4.364	0.50	5	0	87.3	80-120	0			
Lead	4.319	0.50	5	0	86.4	80-120	0			
Nickel	4.377	0.50	5	0	87.5	80-120	0			
Selenium	4.056	0.50	5	0	81.1	80-120	0			
Zinc	4.374	1.0	5	0	87.5	80-120	0			

<b>LCS</b>		Sample ID: <b>LCS-37086-37086</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 02:54 PM</b>		
Client ID:		Run ID: <b>ICPMS1_111103A</b>				SeqNo: <b>1805884</b>		Prep Date: <b>11/2/2011</b>		DF: <b>2</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Silver	4.012	0.50	5	0	80.2	80-120	0			

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



**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **37086** Instrument ID **ICPMS1** Method: **SW6020A**

LCSD		Sample ID: <b>LCSD-37086-37086</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:46 PM</b>		
Client ID:		Run ID: <b>ICPMS1_111103A</b>				SeqNo: <b>1805874</b>		Prep Date: <b>11/2/2011</b>		DF: <b>2</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.523	0.50	5	0	90.5	80-120	4.33	4.36	20	
Barium	4.52	0.50	5	0	90.4	80-120	4.669	3.24	20	
Cadmium	4.848	0.20	5	0	97	80-120	4.795	1.1	20	
Chromium	4.583	0.50	5	0	91.7	80-120	4.428	3.44	20	
Copper	4.869	0.50	5	0	97.4	80-120	4.601	5.66	20	
Lead	4.645	0.50	5	0	92.9	80-120	4.565	1.74	20	
Nickel	4.654	0.50	5	0	93.1	80-120	4.428	4.98	20	
Selenium	4.434	0.50	5	0	88.7	80-120	4.303	3	20	
Silver	4.093	0.50	5	0	81.9	80-120	4.012	2	20	
Zinc	4.772	1.0	5	0	95.4	80-120	4.59	3.89	20	

MS		Sample ID: <b>1111055-02BMS</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 01:56 PM</b>		
Client ID:		Run ID: <b>ICPMS1_111103A</b>				SeqNo: <b>1805876</b>		Prep Date: <b>11/2/2011</b>		DF: <b>2</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.534	0.80	8	0.7559	84.7	80-120	0			
Barium	13.04	0.80	8	6.206	85.4	80-120	0			
Cadmium	7.374	0.32	8	0.02514	91.9	80-120	0			
Chromium	13.19	0.80	8	4.449	109	80-120	0			
Copper	9.734	0.80	8	2.927	85.1	80-120	0			
Lead	8.701	0.80	8	1.352	91.9	80-120	0			
Nickel	9.648	0.80	8	2.859	84.9	80-120	0			
Selenium	6.624	0.80	8	0.08396	81.8	80-120	0			
Silver	5.666	0.80	8	0.001869	70.8	80-120	0			S
Zinc	12.82	1.6	8	7.04	72.2	80-120	0			S

MSD		Sample ID: <b>1111055-02BMSD</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 02:01 PM</b>		
Client ID:		Run ID: <b>ICPMS1_111103A</b>				SeqNo: <b>1805877</b>		Prep Date: <b>11/2/2011</b>		DF: <b>2</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.447	0.79	7.924	0.7559	84.4	80-120	7.534	1.17	25	
Barium	14.33	0.79	7.924	6.206	102	80-120	13.04	9.44	25	
Cadmium	7.258	0.32	7.924	0.02514	91.3	80-120	7.374	1.59	25	
Chromium	10.6	0.79	7.924	4.449	77.7	80-120	13.19	21.8	25	S
Copper	9.087	0.79	7.924	2.927	77.7	80-120	9.734	6.88	25	S
Lead	8.588	0.79	7.924	1.352	91.3	80-120	8.701	1.31	25	
Nickel	9.431	0.79	7.924	2.859	82.9	80-120	9.648	2.27	25	
Selenium	6.536	0.79	7.924	0.08396	81.4	80-120	6.624	1.34	25	
Silver	5.583	0.79	7.924	0.001869	70.4	80-120	5.666	1.47	25	S
Zinc	12.99	1.6	7.924	7.04	75	80-120	12.82	1.29	25	S

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

**QC BATCH REPORT**

Batch ID: **37086**      Instrument ID **ICPMS1**      Method: **SW6020A**

The following samples were analyzed in this batch:

1111063-01A	1111063-02A	1111063-03A
1111063-04B		

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **37090**      Instrument ID **SVMS5**      Method: **SW8270**

<b>MBLK</b>		Sample ID: <b>SBLKS1-37090-37090</b>				Units: <b>µg/Kg</b>		Analysis Date: <b>11/3/2011 10:34 AM</b>		
Client ID:		Run ID: <b>SVMS5_111103A</b>				SeqNo: <b>1805577</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	30								
Anthracene	ND	30								
Benzo(a)anthracene	ND	30								
Benzo(a)pyrene	ND	30								
Benzo(b)fluoranthene	ND	30								
Benzo(g,h,i)perylene	ND	30								
Benzo(k)fluoranthene	ND	30								
Chrysene	ND	30								
Dibenzo(a,h)anthracene	ND	30								
Fluoranthene	ND	30								
Fluorene	ND	30								
Indeno(1,2,3-cd)pyrene	ND	30								
Naphthalene	ND	30								
Pyrene	ND	30								
Surr: 2,4,6-Tribromophenol	1286	0	1667	0	77.2	34-140		0		
Surr: 2-Fluorobiphenyl	1352	0	1667	0	81.1	12-100		0		
Surr: 2-Fluorophenol	1487	0	1667	0	89.2	33-117		0		
Surr: 4-Terphenyl-d14	1831	0	1667	0	110	25-137		0		
Surr: Nitrobenzene-d5	1426	0	1667	0	85.6	37-107		0		
Surr: Phenol-d6	1523	0	1667	0	91.4	40-106		0		

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **37090**      Instrument ID **SVMS5**      Method: **SW8270**

<b>LCS</b>		Sample ID: <b>SLCSS1-37090-37090</b>				Units: <b>µg/Kg</b>		Analysis Date: <b>11/3/2011 11:10 AM</b>		
Client ID:		Run ID: <b>SVMS5_111103A</b>				SeqNo: <b>1805578</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1016	30	1333	0	76.2	45-110	0			
Anthracene	1036	30	1333	0	77.7	55-105	0			
Benzo(a)anthracene	1085	30	1333	0	81.4	50-110	0			
Benzo(a)pyrene	1106	30	1333	0	83	50-110	0			
Benzo(b)fluoranthene	1069	30	1333	0	80.2	45-115	0			
Benzo(g,h,i)perylene	1192	30	1333	0	89.4	40-125	0			
Benzo(k)fluoranthene	1302	30	1333	0	97.6	45-115	0			
Chrysene	1054	30	1333	0	79.1	55-110	0			
Dibenzo(a,h)anthracene	1200	30	1333	0	90	40-125	0			
Fluoranthene	1123	30	1333	0	84.3	55-115	0			
Fluorene	1087	30	1333	0	81.6	50-110	0			
Indeno(1,2,3-cd)pyrene	1188	30	1333	0	89.1	40-120	0			
Naphthalene	996.3	30	1333	0	74.7	40-105	0			
Pyrene	1101	30	1333	0	82.6	45-125	0			
Surr: 2,4,6-Tribromophenol	1397	0	1667	0	83.8	34-140	0			
Surr: 2-Fluorobiphenyl	1218	0	1667	0	73.1	12-100	0			
Surr: 2-Fluorophenol	1250	0	1667	0	75	33-117	0			
Surr: 4-Terphenyl-d14	1457	0	1667	0	87.4	25-137	0			
Surr: Nitrobenzene-d5	1290	0	1667	0	77.4	37-107	0			
Surr: Phenol-d6	1264	0	1667	0	75.8	40-106	0			

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **37090**      Instrument ID **SVMS5**      Method: **SW8270**

LCSD				Sample ID: SLCSDS1-37090-37090			Units: µg/Kg		Analysis Date: 11/3/2011 11:46 AM		
Client ID:			Run ID: SVMS5_111103A			SeqNo: 1805579		Prep Date: 11/3/2011		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1137	30	1333	0	85.3	45-110	1016	11.2	25		
Anthracene	1126	30	1333	0	84.5	55-105	1036	8.39	25		
Benzo(a)anthracene	1196	30	1333	0	89.7	50-110	1085	9.7	25		
Benzo(a)pyrene	1205	30	1333	0	90.4	50-110	1106	8.57	25		
Benzo(b)fluoranthene	1239	30	1333	0	92.9	45-115	1069	14.7	25		
Benzo(g,h,i)perylene	1285	30	1333	0	96.4	40-125	1192	7.54	25		
Benzo(k)fluoranthene	1290	30	1333	0	96.7	45-115	1302	0.926	25		
Chrysene	1106	30	1333	0	83	55-110	1054	4.78	25		
Dibenzo(a,h)anthracene	1309	30	1333	0	98.2	40-125	1200	8.69	25		
Fluoranthene	1225	30	1333	0	91.9	55-115	1123	8.63	25		
Fluorene	1202	30	1333	0	90.1	50-110	1087	9.99	25		
Indeno(1,2,3-cd)pyrene	1288	30	1333	0	96.6	40-120	1188	8.05	25		
Naphthalene	1108	30	1333	0	83.1	40-105	996.3	10.6	25		
Pyrene	1192	30	1333	0	89.4	45-125	1101	7.88	25		
Surr: 2,4,6-Tribromophenol	1491	0	1667	0	89.4	34-140	1397	6.51	40		
Surr: 2-Fluorobiphenyl	1354	0	1667	0	81.2	12-100	1218	10.6	40		
Surr: 2-Fluorophenol	1416	0	1667	0	85	33-117	1250	12.5	40		
Surr: 4-Terphenyl-d14	1559	0	1667	0	93.6	25-137	1457	6.79	40		
Surr: Nitrobenzene-d5	1462	0	1667	0	87.7	37-107	1290	12.5	40		
Surr: Phenol-d6	1381	0	1667	0	82.9	40-106	1264	8.9	40		

The following samples were analyzed in this batch: | 1111063-04B |

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **R97163**      Instrument ID **VMS6**      Method: **SW8260**

<b>MBLK</b>		Sample ID: <b>VBLKW2-111102-R97163</b>				Units: <b>µg/L</b>		Analysis Date: <b>11/2/2011 10:57 PM</b>		
Client ID:		Run ID: <b>VMS6_111102A</b>				SeqNo: <b>1805525</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
o-Xylene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	102.2	0	100	0	102	70-120	0			
Surr: 4-Bromofluorobenzene	97.87	0	100	0	97.9	75-120	0			
Surr: Dibromofluoromethane	101	0	100	0	101	85-115	0			
Surr: Toluene-d8	99.49	0	100	0	99.5	85-120	0			

<b>LCS</b>		Sample ID: <b>VLCSW1-111102-R97163</b>				Units: <b>µg/L</b>		Analysis Date: <b>11/2/2011 09:43 PM</b>		
Client ID:		Run ID: <b>VMS6_111102A</b>				SeqNo: <b>1805523</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.22	1.0	20	0	106	80-120	0			
Ethylbenzene	21.43	1.0	20	0	107	75-125	0			
m,p-Xylene	43.16	2.0	40	0	108	75-130	0			
o-Xylene	21.05	1.0	20	0	105	80-120	0			
Toluene	21.56	1.0	20	0	108	75-120	0			
Xylenes, Total	64.21	3.0	60	0	107	75-130	0			
Surr: 1,2-Dichloroethane-d4	100.7	0	100	0	101	70-120	0			
Surr: 4-Bromofluorobenzene	100.4	0	100	0	100	75-120	0			
Surr: Dibromofluoromethane	103.4	0	100	0	103	85-115	0			
Surr: Toluene-d8	100.4	0	100	0	100	85-120	0			

<b>LCSD</b>		Sample ID: <b>VLCSW1-111102-R97163</b>				Units: <b>µg/L</b>		Analysis Date: <b>11/2/2011 10:07 PM</b>		
Client ID:		Run ID: <b>VMS6_111102A</b>				SeqNo: <b>1805524</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.48	1.0	20	0	112	80-120	21.22	5.77	30	
Ethylbenzene	22.5	1.0	20	0	112	75-125	21.43	4.87	30	
m,p-Xylene	45.58	2.0	40	0	114	75-130	43.16	5.45	30	
o-Xylene	22.27	1.0	20	0	111	80-120	21.05	5.63	30	
Toluene	22.67	1.0	20	0	113	75-120	21.56	5.02	30	
Xylenes, Total	67.85	3.0	60	0	113	75-130	64.21	5.51	30	
Surr: 1,2-Dichloroethane-d4	101.1	0	100	0	101	70-120	100.7	0.327	30	
Surr: 4-Bromofluorobenzene	99.53	0	100	0	99.5	75-120	100.4	0.88	30	
Surr: Dibromofluoromethane	103	0	100	0	103	85-115	103.4	0.329	30	
Surr: Toluene-d8	100.2	0	100	0	100	85-120	100.4	0.189	30	

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **R97163**      Instrument ID **VMS6**      Method: **SW8260**

MS				Sample ID: 1110959-01A MS				Units: µg/L			Analysis Date: 11/3/2011 07:41 AM			
Client ID:				Run ID: VMS6_111102A				SeqNo: 1805538			Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				
Benzene	23.18	1.0	20	0	116	80-120	0							
Ethylbenzene	22.12	1.0	20	0	111	75-125	0							
m,p-Xylene	45.17	2.0	40	0	113	75-130	0							
o-Xylene	21.77	1.0	20	0	109	80-120	0							
Toluene	22.61	1.0	20	0	113	75-120	0							
Xylenes, Total	66.94	3.0	60	0	112	75-130	0							
Surr: 1,2-Dichloroethane-d4	104	0	100	0	104	70-120	0							
Surr: 4-Bromofluorobenzene	100.2	0	100	0	100	75-120	0							
Surr: Dibromofluoromethane	103.8	0	100	0	104	85-115	0							
Surr: Toluene-d8	99.18	0	100	0	99.2	85-120	0							

MSD				Sample ID: 1110959-01A MSD				Units: µg/L		Analysis Date: 11/3/2011 08:06 AM			
Client ID:				Run ID: VMS6_111102A				SeqNo: 1805539		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Benzene	22.88	1.0	20	0	114	80-120	23.18	1.3	30				
Ethylbenzene	21.95	1.0	20	0	110	75-125	22.12	0.771	30				
m,p-Xylene	44.48	2.0	40	0	111	75-130	45.17	1.54	30				
o-Xylene	21.81	1.0	20	0	109	80-120	21.77	0.184	30				
Toluene	22.49	1.0	20	0	112	75-120	22.61	0.532	30				
Xylenes, Total	66.29	3.0	60	0	110	75-130	66.94	0.976	30				
Surr: 1,2-Dichloroethane-d4	103.7	0	100	0	104	70-120	104	0.327	30				
Surr: 4-Bromofluorobenzene	98.84	0	100	0	98.8	75-120	100.2	1.38	30				
Surr: Dibromofluoromethane	104.2	0	100	0	104	85-115	103.8	0.327	30				
Surr: Toluene-d8	99.76	0	100	0	99.8	85-120	99.18	0.583	30				

The following samples were analyzed in this batch:

1111063-04A

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **37147**      Instrument ID **WETCHEM**      Method: **SW7196A**

<b>MBLK</b>	Sample ID: <b>MBLK-37147-37147</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 04:30 PM</b>		
Client ID:	Run ID: <b>WETCHEM_1111030</b>				SeqNo: <b>1806147</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent      ND      0.50

<b>LCS</b>	Sample ID: <b>LCS-37147-37147</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 04:30 PM</b>		
Client ID:	Run ID: <b>WETCHEM_1111030</b>				SeqNo: <b>1806145</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent      1.972      0.50      2      0      98.6      75-110      0

<b>LCSD</b>	Sample ID: <b>LCSD-37147-37147</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 04:30 PM</b>		
Client ID:	Run ID: <b>WETCHEM_1111030</b>				SeqNo: <b>1806146</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent      1.924      0.50      2      0      96.2      75-110      1.972      2.46      20

<b>MS</b>	Sample ID: <b>1111083-01B MS</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 04:30 PM</b>		
Client ID:	Run ID: <b>WETCHEM_1111030</b>				SeqNo: <b>1806143</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent      0.7448      0.50      1.991      0      37.4      60-130      0      S

<b>MSD</b>	Sample ID: <b>1111083-01B MSD</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>11/3/2011 04:30 PM</b>		
Client ID:	Run ID: <b>WETCHEM_1111030</b>				SeqNo: <b>1806144</b>		Prep Date: <b>11/3/2011</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent      0.7797      0.49      1.949      0      40      60-130      0.7448      4.59      30      S

The following samples were analyzed in this batch:

1111063-04B

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



**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **R97104**      Instrument ID **WETCHEM**      Method: **A4500-H B**

<b>LCS</b>		Sample ID: <b>LCS-R97104-R97104</b>				Units: <b>s.u.</b>		Analysis Date: <b>11/2/2011 08:30 AM</b>		
Client ID:		Run ID: <b>WETCHEM_111102D</b>				SeqNo: <b>1804045</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH      4.43      0      4.4      0      101      90-110      0

<b>LCS</b>		Sample ID: <b>LCS-R97104-R97104</b>				Units: <b>s.u.</b>		Analysis Date: <b>11/2/2011 08:30 AM</b>		
Client ID:		Run ID: <b>WETCHEM_111102D</b>				SeqNo: <b>1804048</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH      4.43      0      4.4      0      101      90-110      0

<b>DUP</b>		Sample ID: <b>1111061-01B DUP</b>				Units: <b>s.u.</b>		Analysis Date: <b>11/2/2011 08:30 AM</b>		
Client ID:		Run ID: <b>WETCHEM_111102D</b>				SeqNo: <b>1804047</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH      7.3      0      0      0      0      0-0      7.3      0      20

<b>DUP</b>		Sample ID: <b>1111041-01A DUP</b>				Units: <b>s.u.</b>		Analysis Date: <b>11/2/2011 08:30 AM</b>		
Client ID:		Run ID: <b>WETCHEM_111102D</b>				SeqNo: <b>1804050</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH      7.77      0      0      0      0      0-0      7.77      0      20

<b>DUP</b>		Sample ID: <b>1111055-05B DUP</b>				Units: <b>s.u.</b>		Analysis Date: <b>11/2/2011 08:30 AM</b>		
Client ID:		Run ID: <b>WETCHEM_111102D</b>				SeqNo: <b>1804061</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH      8.46      0      0      0      0      0-0      8.46      0      20

The following samples were analyzed in this batch:

1111063-03A      1111063-04B

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **R97155** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS1-R97155					Units: % of sample		Analysis Date: 11/2/2011 11:12 AM		
Client ID:		Run ID: MOIST_111102C			SeqNo: 1805296		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-R97155					Units: % of sample		Analysis Date: 11/2/2011 11:12 AM		
Client ID:		Run ID: MOIST_111102C			SeqNo: 1805295		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: 1111032-06BDUP					Units: % of sample		Analysis Date: 11/2/2011 11:12 AM		
Client ID:			Run ID: MOIST_111102C			SeqNo: 1805278		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 12.21 0.050 0 0 0 0-0 11.81 3.33 20

DUP		Sample ID: 1111055-05BDUP					Units: % of sample		Analysis Date: 11/2/2011 11:12 AM		
Client ID:			Run ID: MOIST_111102C			SeqNo: 1805292		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 15.74 0.050 0 0 0 0-0 16.18 2.76 20

The following samples were analyzed in this batch:

1111063-03A 1111063-04B

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

**Client:** HRL Compliance Solutions  
**Work Order:** 1111063  
**Project:** Antero Frei A Pad Flowback Release 11-289 10/30/

## QC BATCH REPORT

Batch ID: **R97156**      Instrument ID **MOIST**      Method: **A2540 G**

<b>MBLK</b>		Sample ID: <b>WBLKS1-R97156</b>				Units: % of sample			Analysis Date: <b>11/2/2011 01:11 PM</b>		
Client ID:		Run ID: <b>MOIST_111102D</b>				SeqNo: <b>1805320</b>			Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture      ND      0.050

<b>LCS</b>		Sample ID: <b>LCS-R97156</b>				Units: % of sample			Analysis Date: <b>11/2/2011 01:11 PM</b>		
Client ID:		Run ID: <b>MOIST_111102D</b>				SeqNo: <b>1805319</b>			Prep Date:		DF: <b>1</b>
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

<b>DUP</b>		Sample ID: <b>1111043-01ADUP</b>				Units: % of sample			Analysis Date: <b>11/2/2011 01:11 PM</b>		
Client ID:		Run ID: <b>MOIST_111102D</b>				SeqNo: <b>1805298</b>			Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture      13.55      0.050      0      0      0      0-0      13.9      2.55      20

<b>DUP</b>		Sample ID: <b>1111043-05ADUP</b>				Units: % of sample			Analysis Date: <b>11/2/2011 01:11 PM</b>		
Client ID:		Run ID: <b>MOIST_111102D</b>				SeqNo: <b>1805303</b>			Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture      14.87      0.050      0      0      0      0-0      14.28      4.05      20

The following samples were analyzed in this batch:

1111063-01A      1111063-02A

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



# ALS Laboratory Group

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

## Chain-of-Custody

WORKORDER  
#

1111063

Form 202r

PROJECT NAME		Antero Frei A Pad Flowback Release		SAMPLER		Dan Pinegar		DATE		10/31/2011		PAGE		1 of 1	
PROJECT No.		11-289		SITE ID		Frei A Pad		TURNAROUND		24 HOUR		DISPOSAL		By Lab or Return to Client	
COMPANY NAME		HRL Compliance Solutions, Inc.		EDD FORMAT											
SEND REPORT TO		Mark Mumby		PURCHASE ORDER											
ADDRESS		744 Horizon Ct. Suite 140		BILL TO COMPANY		Antero Resources									
CITY / STATE / ZIP		Grand Junction, CO. 81506		INVOICE ATTN TO		Amanda Fernley									
PHONE		970-243-3271		ADDRESS		1625 17th Street Suite 300									
FAX		970-243-3280		CITY / STATE / ZIP		Denver, CO 80202									
E-MAIL		mmumby@hrlcomp.com		PHONE		303-357-7341									
				FAX		303-357-7315									
				E-MAIL		afernley@anteroresources.com									

  

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	BTEX / TVPH	TEPH	SEMI VOLTS (Full Table 910.1)	Metals (Full table 910.1)	SAR, EC, Ph	Arsenic
01	Background 1	soil	10/30/2011	10:00 AM	1	8						X	
02	Background 2	soil	10/30/2011	10:05 AM	1	8						X	
03	Background 3	soil	10/30/2011	10:10 AM	2	8						X	X
04	On Pad	soil	10/30/2011	10:15 AM	3	8		X	X	X	X	X	

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

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)	
	<input checked="" type="checkbox"/>	LEVEL II (Standard QC)
	<input type="checkbox"/>	LEVEL III (Std QC + forms)
	<input checked="" type="checkbox"/>	LEVEL IV (Std QC + forms + raw data)

3.2'

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
	Daniel Pinegar	10/31/2011	1700
	Diane F. Shaw	11/2/11	1000
RELINQUISHED BY			
RECEIVED BY			
RELINQUISHED BY			
RECEIVED BY			
RELINQUISHED BY			
RECEIVED BY			



Environmental

**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 RECORD

Page 1 of 1

Date: **02-Nov-11**

COC ID: **3269**

Due Da **03-Nov-11**

Salesperson **Debbie Fazio**

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	20-122011145	Project Name	1111063	A	Subcontracted Analyses (SUBCONTRACT) <b>SAR-EC</b>										
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											
<b>Sample ID</b>	<b>Matrix</b>	<b>Collection Date 24hr</b>	<b>Bottle</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>		
1111063-03B	Soil	30/Oct/2011 10:10	(1) MISC	X											
1111063-04C	Soil	30/Oct/2011 10:15	(1) MISC	X											

**Comments:**

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

*Ann L C 26 11/2/11 1230*

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: 1111063

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**  
NEW Package  
Express  
US Airbill

8769 1479 5761

0200

FedEx Retrieval Copy

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

NEW FedEx 2Day A.M.  
Saturday delivery by 7:30 AM  
Second business day  
FedEx 2Day  
FedEx Express Saver  
Third business day  
Saturday delivery by 10:30 AM

- 4 Express Package Service  
NOTE: Service order has changed. Please select carefully.  
To meet deadlines
- 5 Packaging  
Declared value limit \$500
- 6 Special Handling and Delivery Signature Options
- 01 Other  
02 FedEx Pak  
03 Box  
04 Tube  
05 Other
- 06 FedEx Standard Overnight  
Next business morning  
Saturday delivery NOT available
- 07 FedEx Priority Overnight  
Next business morning, Friday delivery not available  
Saturday delivery NOT available
- 08 FedEx First Overnight  
Earliest next business morning, Friday delivery not available  
Saturday delivery NOT available
- 09 FedEx 2Day  
Second business day  
Saturday delivery by 10:30 AM
- 10 FedEx Express Saver  
Third business day  
Saturday delivery by 10:30 AM

- 3 To  
4 Recipients  
5 Name  
6 Company  
7 Address  
8 City  
9 State  
10 ZIP
- 11 From  
12 Date  
13 Sender's FedEx  
14 Account Number

- 15 Signature Required  
Package may be left without  
delivering a signature in delivery
- 16 Direct Signature  
Signature of recipient is required. See applicable  
any sign for delivery. See applicable
- 17 Does this shipment contain dangerous goods?  
One box must be checked
- 18 Yes ☐ No ☐ No 04  
As per shipping  
shipper's instruction
- 19 Yes ☐ No ☐ No 06  
Day let
- 20 Payment Bill to:  
Enter FedEx Account No. and Credit Card No. below
- 21 Total Package  
Check Card No.
- 22 Signature  
Enter FedEx Account No. and Credit Card No. below
- 23 Signature  
Enter FedEx Account No. and Credit Card No. below
- 24 Signature  
Enter FedEx Account No. and Credit Card No. below

- 25 Signature  
Enter FedEx Account No. and Credit Card No. below
- 26 Signature  
Enter FedEx Account No. and Credit Card No. below
- 27 Signature  
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