

State of Colorado
Oil and Gas Conservation Commission

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



#7911

FOR OGCC USE ONLY

RECEIVED
7/11/2013

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

OGCC Employee:

☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No:

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☐ Site/Facility Closure ☐ Other (describe):

OGCC Operator Number: <u>10079</u>	Contact Name and Telephone:
Name of Operator: <u>Antero Resources Piceance LLC</u>	<u>Cole Kilstrom</u>
Address: <u>1625 17th St., Suite 300 ATTN: Cole Kilstrom</u>	No: <u>303-357-6709</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	Fax: <u>303-357-7315</u>
API Number: <u>N/A 045 15376</u>	County: <u>Garfield</u>
Facility Name: <u>Dever A Pit</u>	Facility Number: <u>295547 (Pit) / Location # 311676</u>
Well Name: <u>N/A</u>	Well Number: <u>N/A</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWSE, Sec. 18, 65, 92W</u> Latitude: <u>39.52197</u> Longitude: <u>-107.7088</u>	

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): <u>Pit used for drill cuttings</u>		
Site Conditions: Is location within a sensitive area (according to Rule 901e)? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If yes, attach evaluation.		
Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): <u>Range land</u>		
Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: <u>Potts loam (1-3% Slopes)</u>		
Potential receptors (water wells within 1/4 mi, surface waters, etc.):		
Description of Impact (if previously provided, refer to that form or document):		
Impacted Media (check):	Extent of Impact:	How Determined:
<input type="checkbox"/> Soils	<u>None</u>	<u>5/10/13 Sampling demonstrates compliance with</u>
<input type="checkbox"/> Vegetation		<u>Table 910-1 standards</u>
<input type="checkbox"/> Groundwater		
<input type="checkbox"/> Surface Water		

REMEDIALTION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document): <u>See Attached</u>
Describe how source is to be removed: <u>See Attached</u>
Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.: <u>See Attached</u>

Submit Page 2 with Page 1

Antero (now URSA)

FORM
27
Rev 6/99

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203
(303)894-2100 Fax: (303)894-2109



Page 2
REMEDIAL WORKPLAN (Cont.)

Tracking Number: _____
Name of Operator: Location # 311676
OGCC Operator No: Pit # 295547
Received Date: _____
Well Name & No: _____
Facility Name & No: DEVER A Pad

OGCC Employee: _____

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

See Attached

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

See Attached

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☒ N If yes, describe:

See Attached

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

See Attached

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: <u>2/23/2013</u>	Date Site Investigation Completed: <u>6/16/2013</u>	Date Remediation Plan Submitted: <u>N/A</u>
Remediation Start Date: <u>5/10/2013</u>	Anticipated Completion Date: <u>7/9/2013</u>	Actual Completion Date: <u>7/9/2013</u>

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

Print Name: Cole Kilstrum

Signed: Cole Kilstrum

Title: ENV Specialist

Date: 7/9/2013

OGCC Approved: [Signature]

Title: EPS NW Region

Date: 08/02/2013

Pit properly closed

Project to be closed ✓

Describe Initial Action Taken:

The Dever A Pit was used to store produced water fluids to support multiple well completions that occurred at the Dever A Pad in April 2008. Water was transported from the Wasatch Bench Water Management Facility to the poly lined Dever A Pit for storage purposes to later be injected into the well during fracturing operations. The water returned during flowback operations after the well(s) was fractured was stored in the pit until it was sent back to the Wasatch Bench Pond to be reused at other wells in the area.

The Dever A pit supported fracturing and flowback operations for the below list of wells:

1. Dever A12 – API: 05045135710000
 - a. Completion date - 4/9/2008
2. Dever A13 – API: 05045136300000
 - a. Completion date – 4/13/2008
3. Dever A16 – API: 05045152320000
 - a. Completion date – 4/22/2008
4. Dever A6 – API: 05045136330000
 - a. Completion date – 4/6/2008
5. Dever A8 – API: 05045136340000
 - a. Completion date – 4/16/2008
6. Dever A9 – API: 05045136350000
 - a. Completion date – 4/19/2008

Describe how source is to be removed:

In early 2009, Antero physically closed this pit because no additional wells were planned from the Dever A Pad location. Pit closure involved emptying the pit of the flowback fluids that were temporarily stored for its completion operations. The flowback fluids were sent to Antero's Wasatch Bench Water Management Facility to be reused at other wells in the area. The liner was sent to the Garfield County Landfill for disposal (records related to this disposal not readily available at this time). In early 2009, the pit was backfilled with dirt; however, no confirmation samples were collected at that time. The pit was also not closed out through the COGCC.

Sampling conducted in early 2013 in order to close-out the pit through the COGCC yielded non-compliant results. Antero subsequently excavated the impacted area with a track hoe in early May 2013. Mark Mumby from HRL Compliance Solutions was on site during the excavation to oversee this work to ensure all potentially contaminated soil was excavated. The vertical and horizontal extent of contaminated soil was determined by visual observation and by field screening the soil. Soil was excavated until field screening results were compliant with COGCC Table 910-1 Standards. The area was completely excavated by May 10, 2013 and is depicted on the Sample Location Map included in Attachment 1. Samples were then taken at the bottom of the excavated area to demonstrate compliance with Table 910-1 Standards (Attachment 1). Soil from the excavated area was disposed of by Reams Construction at its solid waste disposal facility located in Montrose County, Colorado from June 4, 2013 through June 10, 2013. Waste disposal records included as Attachment 2. The excavated area was then backfilled with clean material.

If groundwater has been impacted, describe proposed monitoring plan:

Groundwater has not been impacted by the operation and closure of the Dever A Pad pit.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

The sample collection map and analytical data are attached with this submittal as Attachment 1.

Is further site investigation required?

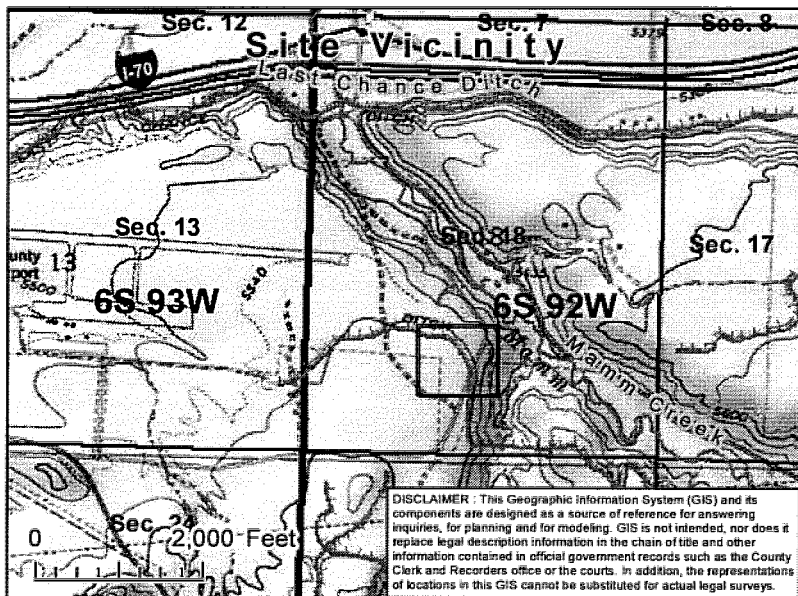
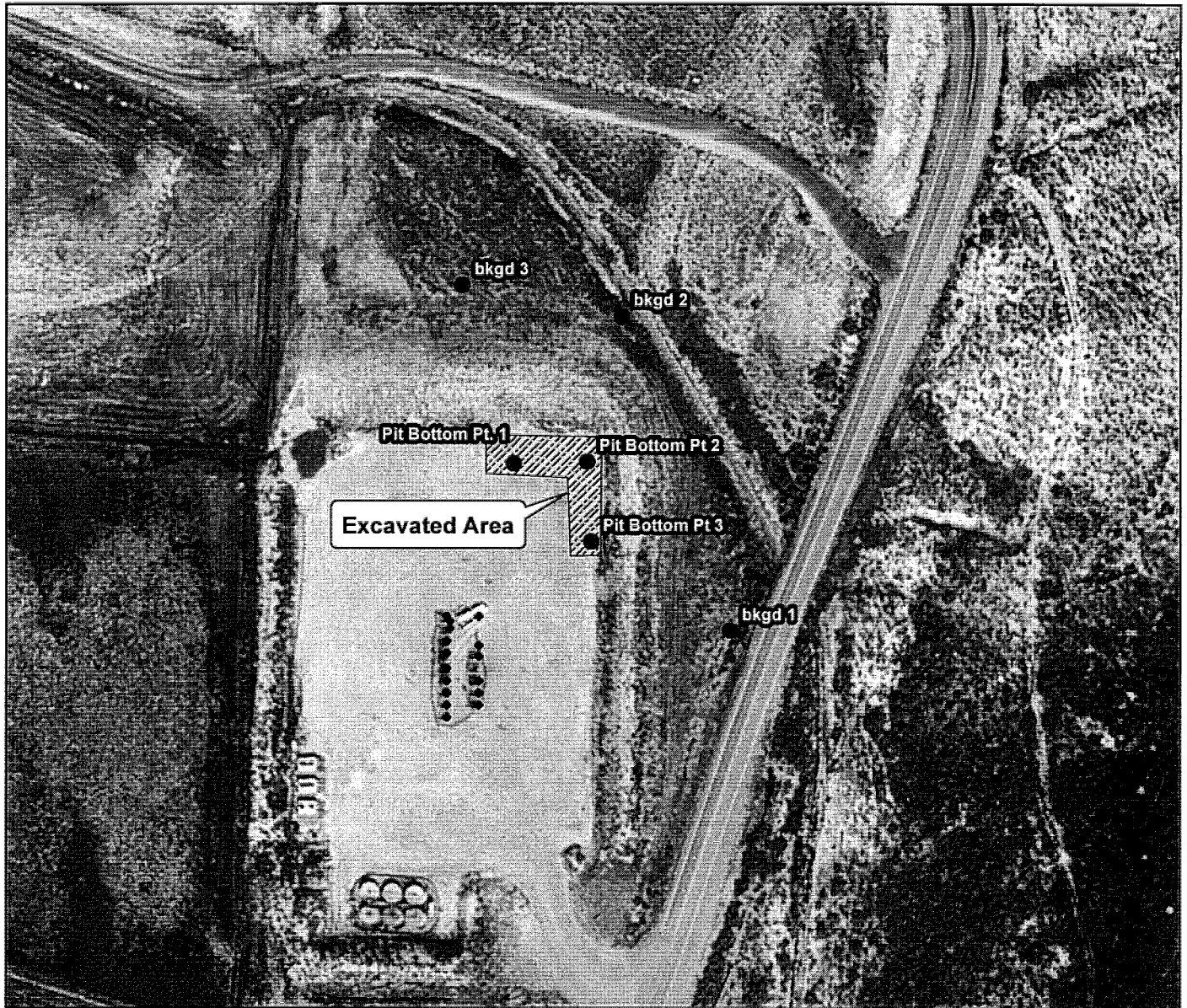
The confirmation samples demonstrate that the location is in compliance with Table 910-1 standards, thus no further site investigation is required.

Final disposition of E&P waste:

Soil from the excavated area was disposed of by Reams Construction at its solid waste disposal facility located in Montrose County, Colorado (waste disposal records included here as Attachment 2).

Antero believes all required actions for the final closure of the Dever A Pad Pit have been taken in accordance with COGCC Rules. Therefore, Antero respectfully requests the closure of the Dever A Pad Pit, Facility 2955547.

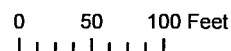
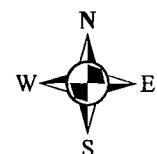
ATTACHMENT 1



Sample Location Map Location: Dever A Antero Resources Piceance Corp.

Legend

- Sample Point
- Affected Area
- Gas Well Head
- PLSS
- Township
- Section
- Highways
- Public Roads
- Hydrographic Features**
- Perennial Stream
- - - Intermittent Stream
- Ditch/Canal



Revision Date: 5/13/2013 1:04:26 PM



21-May-2013

Mark Mumby
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505

Re: **Antero Dever A Pit Closure 5/10/13**

Work Order: **1305537**

Dear Mark,

ALS Environmental received 3 samples on 14-May-2013 01:40 PM 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.

Sample results are compliant with NELAP standard requirements and QC results achieved 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 28.

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

Sincerely,

Electronically approved by: Ann Preston

Ann Preston
Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

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

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RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions
Project: Antero Dever A Pit Closure 5/10/13
Work Order: 1305537

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>
1305537-01	Pit Bottom Pt 1	Soil		5/10/2013 13:20	5/14/2013 13:40	<input type="checkbox"/>
1305537-02	Pit Bottom Pt 2	Soil		5/10/2013 13:30	5/14/2013 13:40	<input type="checkbox"/>
1305537-03	Pit Bottom Pt 3	Soil		5/10/2013 13:40	5/14/2013 13:40	<input type="checkbox"/>

Client: HRL Compliance Solutions
Project: Antero Dever A Pit Closure 5/10/13
Work Order: 1305537

Case Narrative

Batch 48438 MS/MSD data for Metals is not related to this project's samples. No data requires qualification.

Batch 48439 MS/MSD data for Hexavalent Chromium is not related to this project's samples. No data requires qualification.

Client: HRL Compliance Solutions
Project: Antero Dever A Pit Closure 5/10/13
WorkOrder: 1305537

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mmhos/cm @25°F	Microhms-Centimeter at 25 Degrees Fahrenheit
none	
s.u.	Standard Units

ALS Group USA, Corp
Date: 21-May-13

Client: HRL Compliance Solutions

Project: Antero Dever A Pit Closure 5/10/13

Work Order: 1305537

Sample ID: Pit Bottom Pt 1

Lab ID: 1305537-01

Collection Date: 5/10/2013 01:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 5/16/2013	Analyst: CW
DRO (C10-C28)	31		5.0	mg/Kg-dry	1	5/17/2013 12:40 PM
Surr: 4-Terphenyl-d14	59.6		39-115	%REC	1	5/17/2013 12:40 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: RD
GRO (C6-C10)	ND		3.1	mg/Kg-dry	50	5/18/2013 02:32 AM
Surr: Toluene-d8	113		50-150	%REC	50	5/18/2013 02:32 AM
MERCURY BY CVAA						
			SW7471		Prep Date: 5/16/2013	Analyst: LR
Mercury	0.024		0.018	mg/Kg-dry	1	5/17/2013 12:39 PM
METALS BY ICP-MS						
			SW6020A		Prep Date: 5/15/2013	Analyst: ML
Arsenic	4.9		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Barium	320		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Cadmium	ND		0.91	mg/Kg-dry	5	5/15/2013 07:39 PM
Chromium	16		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Copper	13		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Lead	10		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Nickel	15		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Selenium	ND		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Silver	ND		2.3	mg/Kg-dry	5	5/15/2013 07:39 PM
Zinc	41		4.5	mg/Kg-dry	5	5/15/2013 07:39 PM
SOLUBLE CATIONS FOR SAR						
			SW6020A		Prep Date: 5/14/2013	Analyst: RH
Calcium	46		12	mg/L-dry	20	5/17/2013 01:58 AM
Magnesium	62		4.9	mg/L-dry	20	5/17/2013 01:58 AM
Sodium	390		4.9	mg/L-dry	20	5/17/2013 01:58 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHO		Prep Date: 5/14/2013	Analyst: RH
Sodium Adsorption Ratio	8.0		0.010	none	1	5/16/2013
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 5/16/2013	Analyst: RM
Acenaphthene	ND		18	µg/Kg-dry	1	5/17/2013 02:56 PM
Acenaphthylene	ND		36	µg/Kg-dry	1	5/17/2013 02:56 PM
Anthracene	ND		18	µg/Kg-dry	1	5/17/2013 02:56 PM
Benzo(a)anthracene	ND		20	µg/Kg-dry	1	5/17/2013 02:56 PM
Benzo(a)pyrene	ND		20	µg/Kg-dry	1	5/17/2013 02:56 PM
Benzo(b)fluoranthene	ND		22	µg/Kg-dry	1	5/17/2013 02:56 PM
Benzo(g,h,i)perylene	ND		34	µg/Kg-dry	1	5/17/2013 02:56 PM
Benzo(k)fluoranthene	ND		22	µg/Kg-dry	1	5/17/2013 02:56 PM
Chrysene	ND		18	µg/Kg-dry	1	5/17/2013 02:56 PM
Dibenzo(a,h)anthracene	ND		22	µg/Kg-dry	1	5/17/2013 02:56 PM
Fluoranthene	ND		18	µg/Kg-dry	1	5/17/2013 02:56 PM

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

ALS Group USA, Corp

Date: 21-May-13

Client: HRL Compliance Solutions

Project: Antero Dever A Pit Closure 5/10/13

Work Order: 1305537

Sample ID: Pit Bottom Pt 1

Lab ID: 1305537-01

Collection Date: 5/10/2013 01:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		18	µg/Kg-dry	1	5/17/2013 02:56 PM
Indeno(1,2,3-cd)pyrene	ND		24	µg/Kg-dry	1	5/17/2013 02:56 PM
Naphthalene	ND		18	µg/Kg-dry	1	5/17/2013 02:56 PM
Pyrene	ND		18	µg/Kg-dry	1	5/17/2013 02:56 PM
Surr: 2-Fluorobiphenyl	74.7		12-100	%REC	1	5/17/2013 02:56 PM
Surr: 4-Terphenyl-d14	111		25-137	%REC	1	5/17/2013 02:56 PM
Surr: Nitrobenzene-d5	74.7		37-107	%REC	1	5/17/2013 02:56 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/14/2013	Analyst: BG
Benzene	ND		37	µg/Kg-dry	1	5/17/2013 04:31 AM
Ethylbenzene	ND		37	µg/Kg-dry	1	5/17/2013 04:31 AM
m,p-Xylene	ND		73	µg/Kg-dry	1	5/17/2013 04:31 AM
o-Xylene	ND		37	µg/Kg-dry	1	5/17/2013 04:31 AM
Toluene	ND		37	µg/Kg-dry	1	5/17/2013 04:31 AM
Xylenes, Total	ND		110	µg/Kg-dry	1	5/17/2013 04:31 AM
Surr: 1,2-Dichloroethane-d4	100		70-130	%REC	1	5/17/2013 04:31 AM
Surr: 4-Bromofluorobenzene	97.2		70-130	%REC	1	5/17/2013 04:31 AM
Surr: Dibromofluoromethane	97.2		70-130	%REC	1	5/17/2013 04:31 AM
Surr: Toluene-d8	101		70-130	%REC	1	5/17/2013 04:31 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/14/2013	Analyst: JB
Electrical Conductivity @ Saturation	2.5		0.050	mmhos/cm @2	10	5/17/2013 04:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	16		0.61	mg/Kg-dry	1	5/20/2013 04:00 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/15/2013	Analyst: MB
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	5/16/2013 11:11 AM
MOISTURE			A2540 G			Analyst: KF
Moisture	18		0.050	% of sample	1	5/14/2013 04:40 PM
PH			SW9045D			Analyst: JB
pH	9.0			s.u.	1	5/14/2013 09:10 AM

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

ALS Group USA, Corp
Date: 21-May-13

Client: HRL Compliance Solutions

Project: Antero Dever A Pit Closure 5/10/13

Work Order: 1305537

Sample ID: Pit Bottom Pt 2

Lab ID: 1305537-02

Collection Date: 5/10/2013 01:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 5/16/2013	Analyst: CW
DRO (C10-C28)	10		4.9	mg/Kg-dry	1	5/17/2013 01:10 AM
<i>Surr: 4-Terphenyl-d14</i>	<i>61.0</i>		<i>39-115</i>	<i>%REC</i>	<i>1</i>	5/17/2013 01:10 AM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: RD
GRO (C6-C10)	ND		2.9	mg/Kg-dry	50	5/18/2013 02:56 AM
<i>Surr: Toluene-d8</i>	<i>108</i>		<i>50-150</i>	<i>%REC</i>	<i>50</i>	5/18/2013 02:56 AM
MERCURY BY CVAA						
			SW7471		Prep Date: 5/16/2013	Analyst: LR
Mercury	0.020		0.018	mg/Kg-dry	1	5/17/2013 12:41 PM
METALS BY ICP-MS						
			SW6020A		Prep Date: 5/15/2013	Analyst: ML
Arsenic	5.1		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Barium	210		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Cadmium	ND		0.89	mg/Kg-dry	5	5/15/2013 07:45 PM
Chromium	17		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Copper	12		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Lead	11		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Nickel	15		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Selenium	ND		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Silver	ND		2.2	mg/Kg-dry	5	5/15/2013 07:45 PM
Zinc	44		4.5	mg/Kg-dry	5	5/15/2013 07:45 PM
SOLUBLE CATIONS FOR SAR						
			SW6020A		Prep Date: 5/14/2013	Analyst: RH
Calcium	220		12	mg/L-dry	20	5/17/2013 02:03 AM
Magnesium	290		4.7	mg/L-dry	20	5/17/2013 02:03 AM
Sodium	1,300		4.7	mg/L-dry	20	5/17/2013 02:03 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHO		Prep Date: 5/14/2013	Analyst: RH
Sodium Adsorption Ratio	13		0.010	none	1	5/16/2013
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 5/16/2013	Analyst: RM
Acenaphthene	ND		18	µg/Kg-dry	1	5/17/2013 03:16 PM
Acenaphthylene	ND		35	µg/Kg-dry	1	5/17/2013 03:16 PM
Anthracene	ND		18	µg/Kg-dry	1	5/17/2013 03:16 PM
Benzo(a)anthracene	ND		20	µg/Kg-dry	1	5/17/2013 03:16 PM
Benzo(a)pyrene	ND		20	µg/Kg-dry	1	5/17/2013 03:16 PM
Benzo(b)fluoranthene	ND		21	µg/Kg-dry	1	5/17/2013 03:16 PM
Benzo(g,h,i)perylene	ND		33	µg/Kg-dry	1	5/17/2013 03:16 PM
Benzo(k)fluoranthene	ND		21	µg/Kg-dry	1	5/17/2013 03:16 PM
Chrysene	ND		18	µg/Kg-dry	1	5/17/2013 03:16 PM
Dibenzo(a,h)anthracene	ND		21	µg/Kg-dry	1	5/17/2013 03:16 PM
Fluoranthene	ND		18	µg/Kg-dry	1	5/17/2013 03:16 PM

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

ALS Group USA, Corp
Date: 21-May-13

Client: HRL Compliance Solutions

Project: Antero Dever A Pit Closure 5/10/13

Work Order: 1305537

Sample ID: Pit Bottom Pt 2

Lab ID: 1305537-02

Collection Date: 5/10/2013 01:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		18	µg/Kg-dry	1	5/17/2013 03:16 PM
Indeno(1,2,3-cd)pyrene	ND		24	µg/Kg-dry	1	5/17/2013 03:16 PM
Naphthalene	ND		18	µg/Kg-dry	1	5/17/2013 03:16 PM
Pyrene	ND		18	µg/Kg-dry	1	5/17/2013 03:16 PM
Surr: 2-Fluorobiphenyl	78.7		12-100	%REC	1	5/17/2013 03:16 PM
Surr: 4-Terphenyl-d14	110		25-137	%REC	1	5/17/2013 03:16 PM
Surr: Nitrobenzene-d5	81.8		37-107	%REC	1	5/17/2013 03:16 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/14/2013	Analyst: BG
Benzene	ND		35	µg/Kg-dry	1	5/17/2013 04:55 AM
Ethylbenzene	ND		35	µg/Kg-dry	1	5/17/2013 04:55 AM
m,p-Xylene	ND		71	µg/Kg-dry	1	5/17/2013 04:55 AM
o-Xylene	ND		35	µg/Kg-dry	1	5/17/2013 04:55 AM
Toluene	ND		35	µg/Kg-dry	1	5/17/2013 04:55 AM
Xylenes, Total	ND		110	µg/Kg-dry	1	5/17/2013 04:55 AM
Surr: 1,2-Dichloroethane-d4	99.6		70-130	%REC	1	5/17/2013 04:55 AM
Surr: 4-Bromofluorobenzene	98.8		70-130	%REC	1	5/17/2013 04:55 AM
Surr: Dibromofluoromethane	97.9		70-130	%REC	1	5/17/2013 04:55 AM
Surr: Toluene-d8	101		70-130	%REC	1	5/17/2013 04:55 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/14/2013	Analyst: JB
Electrical Conductivity @ Saturation	9.3		0.050	mmhos/cm @2	10	5/17/2013 04:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	17		0.59	mg/Kg-dry	1	5/20/2013 04:00 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/15/2013	Analyst: MB
Chromium, Hexavalent	ND		0.59	mg/Kg-dry	1	5/16/2013 11:11 AM
MOISTURE			A2540 G			Analyst: KF
Moisture	15		0.050	% of sample	1	5/14/2013 04:40 PM
PH			SW9045D			Analyst: JB
pH	8.6			s.u.	1	5/14/2013 09:10 AM

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

ALS Group USA, Corp

Date: 21-May-13

Client: HRL Compliance Solutions

Project: Antero Dever A Pit Closure 5/10/13

Sample ID: Pit Bottom Pt 3

Collection Date: 5/10/2013 01:40 PM

Work Order: 1305537

Lab ID: 1305537-03

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	8.0		SW8015M	mg/Kg-dry	1	Analyst: CW
Surr: 4-Terphenyl-d14	58.1		39-115	%REC	1	5/17/2013 01:41 AM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015	mg/Kg-dry	50	Analyst: RD
Surr: Toluene-d8	110		50-150	%REC	50	5/18/2013 03:21 AM
MERCURY BY CVAA						
Mercury	ND		SW7471	mg/Kg-dry	1	Analyst: LR
METALS BY ICP-MS						
Arsenic	6.0		SW6020A	mg/Kg-dry	5	Analyst: ML
Barium	280		2.3	mg/Kg-dry	5	5/15/2013 07:51 PM
Cadmium	ND		0.91	mg/Kg-dry	5	5/15/2013 07:51 PM
Chromium	13		2.3	mg/Kg-dry	5	5/15/2013 07:51 PM
Copper	11		2.3	mg/Kg-dry	5	5/15/2013 07:51 PM
Lead	9.5		2.3	mg/Kg-dry	5	5/15/2013 07:51 PM
Nickel	12		2.3	mg/Kg-dry	5	5/15/2013 07:51 PM
Selenium	ND		2.3	mg/Kg-dry	5	5/15/2013 07:51 PM
Silver	ND		2.3	mg/Kg-dry	5	5/15/2013 07:51 PM
Zinc	38		4.6	mg/Kg-dry	5	5/15/2013 07:51 PM
SOLUBLE CATIONS FOR SAR						
Calcium	580		SW6020A	mg/L-dry	20	Analyst: RH
Magnesium	190		4.7	mg/L-dry	20	5/17/2013 02:09 AM
Sodium	560		4.7	mg/L-dry	20	5/17/2013 02:09 AM
SODIUM ADSORPTION RATIO						
Sodium Adsorption Ratio	4.7		USDA H60 METHO	none	1	Analyst: RH
SEMI-VOLATILE ORGANIC COMPOUNDS						
Acenaphthene	ND		SW8270	µg/Kg-dry	1	Analyst: RM
Acenaphthylene	ND		17	µg/Kg-dry	1	5/17/2013 03:35 PM
Anthracene	ND		35	µg/Kg-dry	1	5/17/2013 03:35 PM
Benzo(a)anthracene	ND		17	µg/Kg-dry	1	5/17/2013 03:35 PM
Benzo(a)pyrene	ND		20	µg/Kg-dry	1	5/17/2013 03:35 PM
Benzo(b)fluoranthene	ND		20	µg/Kg-dry	1	5/17/2013 03:35 PM
Benzo(g,h,i)perylene	ND		21	µg/Kg-dry	1	5/17/2013 03:35 PM
Benzo(k)fluoranthene	ND		32	µg/Kg-dry	1	5/17/2013 03:35 PM
Chrysene	ND		21	µg/Kg-dry	1	5/17/2013 03:35 PM
Dibenzo(a,h)anthracene	ND		17	µg/Kg-dry	1	5/17/2013 03:35 PM
Fluoranthene	ND		21	µg/Kg-dry	1	5/17/2013 03:35 PM

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

ALS Group USA, Corp

Date: 21-May-13

Client: HRL Compliance Solutions

Project: Antero Dever A Pit Closure 5/10/13

Work Order: 1305537

Sample ID: Pit Bottom Pt 3

Lab ID: 1305537-03

Collection Date: 5/10/2013 01:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		17	µg/Kg-dry	1	5/17/2013 03:35 PM
Indeno(1,2,3-cd)pyrene	ND		23	µg/Kg-dry	1	5/17/2013 03:35 PM
Naphthalene	ND		17	µg/Kg-dry	1	5/17/2013 03:35 PM
Pyrene	ND		17	µg/Kg-dry	1	5/17/2013 03:35 PM
Surr: 2-Fluorobiphenyl	75.7		12-100	%REC	1	5/17/2013 03:35 PM
Surr: 4-Terphenyl-d14	111		25-137	%REC	1	5/17/2013 03:35 PM
Surr: Nitrobenzene-d5	77.0		37-107	%REC	1	5/17/2013 03:35 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/14/2013	Analyst: BG
Benzene	ND		36	µg/Kg-dry	1	5/17/2013 05:20 AM
Ethylbenzene	ND		36	µg/Kg-dry	1	5/17/2013 05:20 AM
m,p-Xylene	ND		71	µg/Kg-dry	1	5/17/2013 05:20 AM
o-Xylene	ND		36	µg/Kg-dry	1	5/17/2013 05:20 AM
Toluene	ND		36	µg/Kg-dry	1	5/17/2013 05:20 AM
Xylenes, Total	ND		110	µg/Kg-dry	1	5/17/2013 05:20 AM
Surr: 1,2-Dichloroethane-d4	97.8		70-130	%REC	1	5/17/2013 05:20 AM
Surr: 4-Bromofluorobenzene	97.4		70-130	%REC	1	5/17/2013 05:20 AM
Surr: Dibromofluoromethane	97.0		70-130	%REC	1	5/17/2013 05:20 AM
Surr: Toluene-d8	99.6		70-130	%REC	1	5/17/2013 05:20 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/14/2013	Analyst: JB
Electrical Conductivity @ Saturation	6.5		0.050	mmhos/cm @2	10	5/17/2013 04:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	13		0.59	mg/Kg-dry	1	5/20/2013 04:00 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/15/2013	Analyst: MB
Chromium, Hexavalent	ND		0.58	mg/Kg-dry	1	5/16/2013 11:11 AM
MOISTURE			A2540 G			Analyst: KF
Moisture	16		0.050	% of sample	1	5/14/2013 04:40 PM
PH			SW9045D			Analyst: JB
pH	8.1			s.u.	1	5/14/2013 09:10 AM

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

ALS Group USA, Corp

Date: 21-May-13

Client: HRL Compliance Solutions

Work Order: 1305537

Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: 48451 Instrument ID GC8 Method: SW8015M

MBLK	Sample ID: DBLKS1-48451-48451					Units: mg/Kg		Analysis Date: 5/16/2013 04:33 PM		
Client ID:	Run ID: GC8_130516B				SeqNo: 2323344		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	ND	5.0								
Surr: 4-Terphenyl-d14	1.125	0	2	0	56.3	39-115	0			

LCS	Sample ID: DLCSS1-48451-48451				Units: mg/Kg		Analysis Date: 5/16/2013 05:03 PM			
Client ID:	Run ID: GC8_130516B				SeqNo: 2323345		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	167.4	5.0	200	0	83.7	49-124	0			
Surr: 4-Terphenyl-d14	1.039	0	2	0	52	39-115	0			

MS	Sample ID: 1305543-05A MS				Units: mg/Kg		Analysis Date: 5/16/2013 06:04 PM			
Client ID:		Run ID: GC8_130516B			SeqNo: 2323346		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	550	12	490	214.6	68.4	49-130	0			
Surr: 4-Terphenyl-d14	2.785	0	4.9	0	56.8	39-115	0			

MSD	Sample ID: 1305543-05A MSD					Units: mg/Kg		Analysis Date: 5/16/2013 06:34 PM		
Client ID:	Run ID: GC8_130516B				SeqNo: 2323347		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	580.3	12	493.4	214.6	74.1	49-130	550	5.37	30	
Surr: 4-Terphenyl-d14	2.841	0	4.934	0	57.6	39-115	2.785	1.99	30	

The following samples were analyzed in this batch: 1305537-01B 1305537-02B 1305537-03B

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

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: R121004 Instrument ID GC10 Method: SW8015

MBLK	Sample ID: GBLK1-130517-R121004					Units: µg/L		Analysis Date: 5/17/2013 09:14 PM		
Client ID:	Run ID: GC10_130517A			SeqNo: 2324487		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	200								
Surr: Toluene-d8	110.4	0	100	0	110	70-130	0			

LCS	Sample ID: GLCS1-130517-R121004					Units: µg/L		Analysis Date: 5/17/2013 08:50 PM		
Client ID:	Run ID: GC10_130517A				SeqNo: 2324485		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	8647	200	10000	0	86.5	70-130	0			
Surr: Toluene-d8	119.5	0	100	0	119	70-130	0			

MS		Sample ID: 1305684-08A MS				Units: µg/L		Analysis Date: 5/18/2013 05:50 AM		
Client ID:		Run ID: GC10_130517A				SeqNo: 2324502		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	9230	200	10000	0	92.3	70-130	0			
Surr: Toluene-d8	117.1	0	100	0	117	70-130	0			

MSD				Sample ID: 1305684-08A MSD		Units: µg/L		Analysis Date: 5/18/2013 06:15 AM		
Client ID:		Run ID: GC10_130517A			SeqNo: 2324504		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	9086	200	10000	0	90.9	70-130	9230	1.57	30	
Surr: Toluene-d8	121.3	0	100	0	121	70-130	117.1	3.53	30	

The following samples were analyzed in this batch: 1305537-01A 1305537-02A 1305537-03A

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

Client: HRL Compliance Solutions
Work Order: 1305537
Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: **48477** Instrument ID **HG1** Method: **SW7471**

MBLK	Sample ID: MBLK-48477-48477				Units: mg/Kg		Analysis Date: 5/17/2013 12:35 PM			
Client ID:	Run ID: HG1_130517A				SeqNo: 2322573		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.020								

LCS	Sample ID: LCS-48477-48477				Units: mg/Kg		Analysis Date: 5/17/2013 12:37 PM			
Client ID:	Run ID: HG1_130517A				SeqNo: 2322574		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1628	0.020	0.1665	0	97.7	80-120	0			

MS	Sample ID: 1305558-13AMS				Units: mg/Kg		Analysis Date: 5/17/2013 01:18 PM			
Client ID:	Run ID: HG1_130517A				SeqNo: 2322594		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1266	0.015	0.1239	0.003457	99.3	75-125	0			

MSD	Sample ID: 1305558-13AMSD				Units: mg/Kg		Analysis Date: 5/17/2013 01:20 PM			
Client ID:	Run ID: HG1_130517A				SeqNo: 2322595		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.124	0.015	0.1233	0.003457	97.7	75-125	0.1266	2.03	35	

The following samples were analyzed in this batch:

1305537-01B	1305537-02B	1305537-03B
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1305537
Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: **48406** Instrument ID **ICPMS2** Method: **SW6020A** (Dissolve)

DUP	Sample ID: 1305500-06ADUP					Units: mg/L		Analysis Date: 5/16/2013 11:44 PM		
Client ID:	Run ID: ICPMS2_130516A				SeqNo: 2322194		Prep Date: 5/14/2013		DF: 20	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	85.4	10	0	0	0	0-0	72.54	16.3		
Magnesium	10.61	4.0	0	0	0	0-0	8.784	18.8		
Sodium	17.46	4.0	0	0	0	0-0	16.95	2.99		

The following samples were analyzed in this batch:

1305537-01C 1305537-02C 1305537-03C

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

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: 48438 Instrument ID ICPMS1 Method: SW6020A

MBLK	Sample ID: MBLK-48438-48438				Units: mg/Kg		Analysis Date: 5/15/2013 05:51 PM			
Client ID:	Run ID: ICPMS1_130515A				SeqNo: 2320087		Prep Date: 5/15/2013		DF: 1	
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								

LCS	Sample ID: LCS-48438-48438				Units: mg/Kg		Analysis Date: 5/15/2013 06:16 PM			
Client ID:		Run ID: ICPMS1_130515A			SeqNo: 2320091		Prep Date: 5/15/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.313	0.25	5	0	86.3	80-120	0			
Barium	4.688	0.25	5	0	93.8	80-120	0			
Cadmium	4.432	0.10	5	0	88.6	80-120	0			
Chromium	4.524	0.25	5	0	90.5	80-120	0			
Copper	4.425	0.25	5	0	88.5	80-120	0			
Lead	4.726	0.25	5	0	94.5	80-120	0			
Nickel	4.455	0.25	5	0	89.1	80-120	0			
Selenium	4.042	0.25	5	0	80.8	80-120	0			
Silver	4.42	0.25	5	0	88.4	80-120	0			
Zinc	4.136	0.50	5	0	82.7	80-120	0			

MS	Sample ID: 1305446-01BMS				Units: mg/Kg		Analysis Date: 5/15/2013 06:58 PM			
Client ID:	Run ID: ICPMS1_130515A				SeqNo: 2320102		Prep Date: 5/15/2013		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	12.62	1.9	7.576	5.628	92.3	75-125	0			
Barium	298.8	1.9	7.576	268.2	404	75-125	0			SO
Cadmium	7.538	0.76	7.576	0.2913	95.7	75-125	0			
Chromium	40.27	1.9	7.576	31.27	119	75-125	0			O
Copper	25.72	1.9	7.576	20.3	71.5	75-125	0			S
Lead	25.55	1.9	7.576	16.52	119	75-125	0			
Nickel	27.12	1.9	7.576	20.59	86.2	75-125	0			
Selenium	7.17	1.9	7.576	0.6499	86.1	75-125	0			
Silver	6.822	1.9	7.576	0.07201	89.1	75-125	0			
Zinc	62.05	3.8	7.576	59.45	34.2	75-125	0			SO

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

Client: HRL Compliance Solutions
Work Order: 1305537
Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: **48438** Instrument ID **ICPMS1** Method: **SW6020A**

MSD		Sample ID: 1305446-01BMSD			Units: mg/Kg		Analysis Date: 5/15/2013 07:03 PM			
Client ID:		Run ID: ICPMS1_130515A			SeqNo: 2320103		Prep Date: 5/15/2013		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.84	1.9	7.418	5.628	83.8	75-125	12.62	6.33	25	
Barium	290.5	1.9	7.418	268.2	300	75-125	298.8	2.82	25	SO
Cadmium	7.53	0.74	7.418	0.2913	97.6	75-125	7.538	0.109	25	
Chromium	41.25	1.9	7.418	31.27	135	75-125	40.27	2.41	25	SO
Copper	25.62	1.9	7.418	20.3	71.7	75-125	25.72	0.376	25	S
Lead	23.52	1.9	7.418	16.52	94.3	75-125	25.55	8.26	25	
Nickel	26.47	1.9	7.418	20.59	79.2	75-125	27.12	2.43	25	
Selenium	7.092	1.9	7.418	0.6499	86.8	75-125	7.17	1.1	25	
Silver	6.569	1.9	7.418	0.07201	87.6	75-125	6.822	3.78	25	
Zinc	63.8	3.7	7.418	59.45	58.6	75-125	62.05	2.79	25	SO

The following samples were analyzed in this batch: 1305537-01B 1305537-02B 1305537-03B

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

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: 48450 Instrument ID SVMS6 Method: SW8270

MBLK		Sample ID: SBLKS1-48450-48450		Units: µg/Kg		Analysis Date: 5/17/2013 08:19 AM				
Client ID:		Run ID: SVMS6_130517A		SeqNo: 2322391		Prep Date: 5/16/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	30								
Acenaphthylene	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-Fluorobiphenyl	1156	0	1667	0	69.4	12-100	0			
Surr: 4-Terphenyl-d14	1724	0	1667	0	103	25-137	0			
Surr: Nitrobenzene-d5	1235	0	1667	0	74.1	37-107	0			

LCS		Sample ID: SLCSS1-48450-48450		Units: µg/Kg		Analysis Date: 5/17/2013 08:00 AM				
Client ID:		Run ID: SVMS6_130517A		SeqNo: 2322390		Prep Date: 5/16/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	523.3	30	666.7	0	78.5	45-110	0			
Acenaphthylene	529.7	30	666.7	0	79.4	45-105	0			
Anthracene	574.3	30	666.7	0	86.1	55-105	0			
Benzo(a)anthracene	572.7	30	666.7	0	85.9	50-110	0			
Benzo(a)pyrene	570	30	666.7	0	85.5	50-110	0			
Benzo(b)fluoranthene	578	30	666.7	0	86.7	45-115	0			
Benzo(g,h,i)perylene	515.3	30	666.7	0	77.3	40-125	0			
Benzo(k)fluoranthene	576.7	30	666.7	0	86.5	45-115	0			
Chrysene	595.7	30	666.7	0	89.3	55-110	0			
Dibenzo(a,h)anthracene	525	30	666.7	0	78.7	40-125	0			
Fluoranthene	565	30	666.7	0	84.7	55-115	0			
Fluorene	525.3	30	666.7	0	78.8	50-110	0			
Indeno(1,2,3-cd)pyrene	527	30	666.7	0	79	40-120	0			
Naphthalene	504.3	30	666.7	0	75.6	40-105	0			
Pyrene	631	30	666.7	0	94.6	45-125	0			
Surr: 2-Fluorobiphenyl	1223	0	1667	0	73.4	12-100	0			
Surr: 4-Terphenyl-d14	1750	0	1667	0	105	25-137	0			
Surr: Nitrobenzene-d5	1353	0	1667	0	81.2	37-107	0			

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

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: 48450 Instrument ID SVMS6 Method: SW8270

MS		Sample ID: 1305543-05A MS			Units: µg/Kg		Analysis Date: 5/17/2013 10:18 AM			
Client ID:		Run ID: SVMS6_130517A			SeqNo: 2325169		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1501	85	1900	0	79	45-110	0			
Acenaphthylene	1745	85	1900	261.9	78.1	45-105	0			
Anthracene	1813	85	1900	236.3	83	55-105	0			
Benzo(a)anthracene	2635	85	1900	1199	75.6	50-110	0			
Benzo(a)pyrene	2782	85	1900	1367	74.5	50-110	0			
Benzo(b)fluoranthene	3027	85	1900	1690	70.4	45-115	0			
Benzo(g,h,i)perylene	2438	85	1900	972.9	77.1	40-125	0			
Benzo(k)fluoranthene	2102	85	1900	593.8	79.4	45-115	0			
Chrysene	2803	85	1900	1400	73.8	55-110	0			
Dibenzo(a,h)anthracene	1776	85	1900	316.1	76.9	40-125	0			
Fluoranthene	3102	85	1900	1774	69.9	55-115	0			
Fluorene	1589	85	1900	67.95	80.1	50-110	0			
Indeno(1,2,3-cd)pyrene	2472	85	1900	1053	74.7	40-120	0			
Naphthalene	1288	85	1900	64.99	64.4	40-105	0			
Pyrene	3750	85	1900	2125	85.5	45-125	0			
Surr: 2-Fluorobiphenyl	3379	0	4750	0	71.1	12-100	0			
Surr: 4-Terphenyl-d14	4921	0	4750	0	104	25-137	0			
Surr: Nitrobenzene-d5	3253	0	4750	0	68.5	37-107	0			

MSD		Sample ID: 1305543-05A MSD			Units: µg/Kg		Analysis Date: 5/17/2013 10:38 AM			
Client ID:		Run ID: SVMS6_130517A			SeqNo: 2325171		Prep Date: 5/16/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1490	86	1901	0	78.3	45-110	1501	0.75	30	
Acenaphthylene	1725	86	1901	261.9	77	45-105	1745	1.13	30	
Anthracene	1843	86	1901	236.3	84.5	55-105	1813	1.64	30	
Benzo(a)anthracene	2587	86	1901	1199	73	50-110	2635	1.85	30	
Benzo(a)pyrene	2685	86	1901	1367	69.3	50-110	2782	3.57	30	
Benzo(b)fluoranthene	2842	86	1901	1690	60.6	45-115	3027	6.3	30	
Benzo(g,h,i)perylene	2403	86	1901	972.9	75.2	40-125	2438	1.45	30	
Benzo(k)fluoranthene	2199	86	1901	593.8	84.4	45-115	2102	4.49	30	
Chrysene	2762	86	1901	1400	71.6	55-110	2803	1.5	30	
Dibenzo(a,h)anthracene	1847	86	1901	316.1	80.5	40-125	1776	3.91	30	
Fluoranthene	2997	86	1901	1774	64.4	55-115	3102	3.41	30	
Fluorene	1608	86	1901	67.95	81	50-110	1589	1.15	30	
Indeno(1,2,3-cd)pyrene	2459	86	1901	1053	74	40-120	2472	0.502	30	
Naphthalene	1406	86	1901	64.99	70.5	40-105	1288	8.75	30	
Pyrene	3777	86	1901	2125	86.9	45-125	3750	0.707	30	
Surr: 2-Fluorobiphenyl	3471	0	4753	0	73	12-100	3379	2.68	40	
Surr: 4-Terphenyl-d14	5429	0	4753	0	114	25-137	4921	9.83	40	
Surr: Nitrobenzene-d5	3624	0	4753	0	76.2	37-107	3253	10.8	40	

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

Client: HRL Compliance Solutions
Work Order: 1305537
Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: **48450** Instrument ID **SVMS6** Method: **SW8270**

The following samples were analyzed in this batch:

1305537-01B	1305537-02B	1305537-03B
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: 48411 Instrument ID VMS5 Method: SW8260

MBLK Sample ID: MBLK-48411-48411				Units: µg/Kg		Analysis Date: 5/15/2013 10:48 AM				
Client ID:		Run ID: VMS5_130515A			SeqNo: 2321007		Prep Date: 5/14/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
Surr: 1,2-Dichloroethane-d4	1072	0	1000	0	107	70-130		0		
Surr: 4-Bromofluorobenzene	998.5	0	1000	0	99.8	70-130		0		
Surr: Dibromofluoromethane	983	0	1000	0	98.3	70-130		0		
Surr: Toluene-d8	1028	0	1000	0	103	70-130		0		

LCS Sample ID: LCS1-48411-48411				Units: µg/Kg		Analysis Date: 5/15/2013 09:14 AM				
Client ID:		Run ID: VMS5_130515A			SeqNo: 2321005		Prep Date: 5/14/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	900.5	30	1000	0	90	75-125	0			
Ethylbenzene	915.5	30	1000	0	91.6	75-125	0			
m,p-Xylene	1822	60	2000	0	91.1	80-125	0			
o-Xylene	910	30	1000	0	91	75-125	0			
Toluene	902	30	1000	0	90.2	70-125	0			
Xylenes, Total	2732	90	3000	0	91.1	75-125	0			
Surr: 1,2-Dichloroethane-d4	1056	0	1000	0	106	70-130	0			
Surr: 4-Bromofluorobenzene	998	0	1000	0	99.8	70-130	0			
Surr: Dibromofluoromethane	1004	0	1000	0	100	70-130	0			
Surr: Toluene-d8	1020	0	1000	0	102	70-130	0			

MS Sample ID: 1305533-01A MS				Units: µg/Kg			Analysis Date: 5/17/2013 10:14 AM			
Client ID:		Run ID: VMS6_130516A			SeqNo: 2322814		Prep Date: 5/14/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	963	30	1000	0	96.3	75-125	0			
Ethylbenzene	970	30	1000	0	97	75-125	0			
m,p-Xylene	1950	60	2000	15	96.7	80-125	0			
o-Xylene	975	30	1000	0	97.5	75-125	0			
Toluene	942.5	30	1000	9.5	93.3	70-125	0			
Xylenes, Total	2924	90	3000	15	97	75-125	0			
Surr: 1,2-Dichloroethane-d4	1016	0	1000	0	102	70-130	0			
Surr: 4-Bromofluorobenzene	1002	0	1000	0	100	70-130	0			
Surr: Dibromofluoromethane	1030	0	1000	0	103	70-130	0			
Surr: Toluene-d8	999	0	1000	0	99.9	70-130	0			

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

Client: HRL Compliance Solutions
Work Order: 1305537
Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: **48411** Instrument ID **VMS5** Method: **SW8260**

MSD		Sample ID: 1305533-01A MSD				Units: µg/Kg		Analysis Date: 5/17/2013 10:38 AM		
Client ID:		Run ID: VMS6_130516A				SeqNo: 2322815		Prep Date: 5/14/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	900	30	1000	0	90	75-125	963	6.76	30	
Ethylbenzene	943.5	30	1000	0	94.4	75-125	970	2.77	30	
m,p-Xylene	1900	60	2000	15	94.2	80-125	1950	2.57	30	
o-Xylene	947	30	1000	0	94.7	75-125	975	2.91	30	
Toluene	916.5	30	1000	9.5	90.7	70-125	942.5	2.8	30	
Xylenes, Total	2847	90	3000	15	94.4	75-125	2924	2.69	30	
Surr: 1,2-Dichloroethane-d4	961	0	1000	0	96.1	70-130	1016	5.61	30	
Surr: 4-Bromofluorobenzene	995.5	0	1000	0	99.6	70-130	1002	0.601	30	
Surr: Dibromofluoromethane	973.5	0	1000	0	97.4	70-130	1030	5.64	30	
Surr: Toluene-d8	989	0	1000	0	98.9	70-130	999	1.01	30	

The following samples were analyzed in this batch: 1305537-01A 1305537-02A 1305537-03A

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

Client: HRL Compliance Solutions
Work Order: 1305537
Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: **48406** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP				Sample ID: 1305500-06A DUP			Units: mmhos/cm @25°F		Analysis Date: 5/17/2013 04:00 PM		
Client ID:				Run ID: WETCHEM_130517H			SeqNo: 2323237		Prep Date: 5/14/2013		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Electrical Conductivity @ Saturatio	0.676	0.050	0	0	0		0.58	15.3	50		

The following samples were analyzed in this batch:

1305537-01C	1305537-02C	1305537-03C
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: 48439 Instrument ID WETCHEM Method: SW7196A

MBLK	Sample ID: MBLK-48439-48439				Units: mg/Kg		Analysis Date: 5/16/2013 11:11 AM			
Client ID:	Run ID: WETCHEM_130516B				SeqNo: 2320890		Prep Date: 5/15/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	ND	0.49								

LCS	Sample ID: LCS-48439-48439				Units: mg/Kg		Analysis Date: 5/16/2013 11:11 AM			
Client ID:	Run ID: WETCHEM_130516B				SeqNo: 2320889		Prep Date: 5/15/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	1.817	0.50	1.984	0	91.6	75-110	0			

MS	Sample ID: 1305445-01B MS				Units: mg/Kg		Analysis Date: 5/16/2013 11:11 AM			
Client ID:	Run ID: WETCHEM_130516B				SeqNo: 2320883		Prep Date: 5/15/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.9562	0.50	1.992	0	48	60-130	0			S

MSD	Sample ID: 1305445-01B MSD				Units: mg/Kg		Analysis Date: 5/16/2013 11:11 AM			
Client ID:	Run ID: WETCHEM_130516B				SeqNo: 2320884		Prep Date: 5/15/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.8016	0.50	1.984	0	40.4	60-130	0.9562	17.6	30	S

The following samples were analyzed in this batch:

1305537-01B	1305537-02B	1305537-03B
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: R120733 Instrument ID WETCHEM Method: A4500-H B

LCS		Sample ID: WLCSW1-130514-R120733				Units: s.u.		Analysis Date: 5/14/2013 09:10 AM		
Client ID:		Run ID: WETCHEM_130514I				SeqNo: 2318150		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.3	0	4.4	0	97.7	90-110	0			

LCS		Sample ID: WLCSW1-130514-R120733				Units: s.u.		Analysis Date: 5/14/2013 09:10 AM		
Client ID:		Run ID: WETCHEM_130514I				SeqNo: 2318154		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.3	0	4.4	0	97.7	90-110	0			

LCS		Sample ID: WLCSS1-130514-R120733				Units: s.u.		Analysis Date: 5/14/2013 09:10 AM		
Client ID:		Run ID: WETCHEM_130514I				SeqNo: 2318164		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.3	0	4.4	0	97.7	90-110	0			

DUP		Sample ID: 1305532-01C DUP				Units: s.u.		Analysis Date: 5/14/2013 09:10 AM		
Client ID:		Run ID: WETCHEM_130514I				SeqNo: 2318152		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.14	0	0	0	0	0-0	7.14	0	20	

DUP		Sample ID: 1305509-05B DUP				Units: s.u.		Analysis Date: 5/14/2013 09:10 AM		
Client ID:		Run ID: WETCHEM_130514I				SeqNo: 2318162		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.88	0	0	0	0	0-0	7.88	0	20	

DUP		Sample ID: 1305533-04A DUP				Units: s.u.		Analysis Date: 5/14/2013 09:10 AM		
Client ID:		Run ID: WETCHEM_130514I				SeqNo: 2318169		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.09	0	0	0	0	0-0	8.09	0	20	

The following samples were analyzed in this batch: 1305537-01B 1305537-02B 1305537-03B

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

Client: HRL Compliance Solutions
 Work Order: 1305537
 Project: Antero Dever A Pit Closure 5/10/13

QC BATCH REPORT

Batch ID: R120755 Instrument ID MOIST Method: A2540 G

MBLK		Sample ID: WBLKS-R120755				Units: % of sample		Analysis Date: 5/14/2013 04:40 PM		
Client ID:		Run ID: MOIST_130514A				SeqNo: 2318760		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	0.04	0.050								J

LCS	Sample ID: LCS-R120755					Units: % of sample		Analysis Date: 5/14/2013 04:40 PM		
Client ID:	Run ID: MOIST_130514A				SeqNo: 2318759		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: 1305509-03ADUP					Units: % of sample		Analysis Date: 5/14/2013 04:40 PM		
Client ID:	Run ID: MOIST_130514A				SeqNo: 2318747		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	4.75	0.050	0	0	0	0-0	4.62	2.77	20	

DUP	Sample ID: 1305540-02ADUP					Units: % of sample		Analysis Date: 5/14/2013 04:40 PM		
Client ID:	Run ID: MOIST_130514A				SeqNo: 2318757		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	24.26	0.050	0	0	0	0-0	21.35	12.8	20	

The following samples were analyzed in this batch: 1305537-01B 1305537-02B 1305537-03B

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




Chain-of-Custody

Form 202r8

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

For metals or anions, please detail analytes below.

Comments: <div style="text-align: center;">  1.2°C </div>	QC PACKAGE (check below)			
	<input checked="" type="checkbox"/> LEVEL II (Standard QC)			
	<input type="checkbox"/> LEVEL III (Std QC + forms)			
	<input type="checkbox"/> LEVEL IV (Std QC + forms + raw data)			
	<input type="checkbox"/>			
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-HNO₃ 3-H₂SO₄ 4-NaOH 5-NaHSO₄ 7-Other 8-4 degrees C 9-5035

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: HRL

Date/Time Received: 14-May-13 13:40

Work Order: 1305537

Received by: KRW

Checklist completed by Keith Waringa
eSignature

14-May-13
Date

Reviewed by: Ann Preston
eSignature

15-May-13
Date

Matrices: Soil

Carrier name: ALSHN

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>4.2 C</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>5/14/2013 2:13:27 PM</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:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

FedEx

FedEx Express **USAirbill**

8681 5794 6327

FedEx Express **USAirbill**

1 **To** **Ship To** **Address** **City** **State** **Zip** **Country**

2 **From** **Ship From** **Address** **City** **State** **Zip** **Country**

3 **Service** **Package** **Weight** **Dimensions**

4 **Special Services**

5 **Insurance** **Declared Value**

6 **Signature Required**

7 **Delivery Options**

8 **Tracking**

9 **Comments**



8681 5794 6327

ALS Environmental

3352 128th Avenue
Holland, Michigan 49424
Tel. 616 389 6070
Fax. 616 389 6185



CUSTODY SEAL

Date: 5/11/95 Time: 17:30
Name: Mike Murphy
C. Penny

Seal Broken By:

Date:

FedEx.com 1.800.GoFedEx 1.800.463.3339

FedEx.com 1.800.GoFedEx 1.800.463.3339

ATTACHMENT 2

Invoice 2694 load tickets

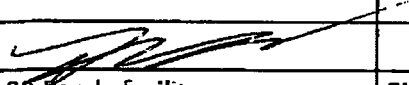
<u>Date</u>	<u>Load Ticket #</u>	<u>Origin of Load</u>	<u>Contents</u>	<u>Quantity</u>
6/4/2013	3784	Dever Pad	drill cuttings	18
6/4/2013	3832	Dever Pad	drill cuttings	16
6/4/2013	1980	Dever Pad	drill cuttings	16
6/4/2013	3831	Dever Pad	drill cuttings	16
6/4/2013	3070	Dever Pad	drill cuttings	18
6/4/2013	2922	Dever Pad	drill cuttings	18
6/5/2013	3676	Dever Pad	drill cuttings	18
6/5/2013	3833	Dever Pad	drill cuttings	18
6/5/2013	3072	Dever Pad	drill cuttings	18
6/5/2013	4732	Dever Pad	drill cuttings	18
6/5/2013	3785	Dever Pad	drill cuttings	18
6/5/2013	3443	Dever Pad	drill cuttings	18
6/6/2013	2959	Dever Pad	drill cuttings	18
6/6/2013	2924	Dever Pad	drill cuttings	18
6/6/2013	4733	Dever Pad	drill cuttings	18
6/6/2013	3834	Dever Pad	drill cuttings	18
6/6/2013	3786	Dever Pad	drill cuttings	18
6/6/2013	3073	Dever Pad	drill cuttings	18
6/6/2013	3835	Dever Pad	drill cuttings	18
6/7/2013	2960	Dever Pad	drill cuttings	18
6/7/2013	4332	Dever Pad	drill cuttings	18
6/7/2013	2137	Dever Pad	drill cuttings	16
6/7/2013	3074	Dever Pad	drill cuttings	18
6/7/2013	3075	Dever Pad	drill cuttings	18
6/7/2013	3787	Dever Pad	drill cuttings	18
6/7/2013	2925	Dever Pad	drill cuttings	18
6/7/2013	3836	Dever Pad	drill cuttings	18
6/8/2013	4734	Dever Pad	drill cuttings	18
6/8/2013	3076	Dever Pad	drill cuttings	18

6/8/2013	3788	Dever Pad	drill cuttings	18
6/8/2013	3444	Dever Pad	drill cuttings	18
6/8/2013	3837	Dever Pad	drill cuttings	18
6/8/2013	4333	Dever Pad	drill cuttings	18
6/8/2013	2138	Dever Pad	drill cuttings	18
6/8/2013	2139	Dever Pad	drill cuttings	18
6/9/2013	4735	Dever Pad	drill cuttings	18
6/9/2013	3838	Dever Pad	drill cuttings	18
6/9/2013	3677	Dever Pad	drill cuttings	18
6/9/2013	3789	Dever Pad	drill cuttings	18
6/9/2013	2140	Dever Pad	drill cuttings	18
6/9/2013	4334	Dever Pad	drill cuttings	18
6/9/2013	3080	Dever Pad	drill cuttings	18
6/9/2013	3078	Dever Pad	drill cuttings	18
6/10/2013	3839	Dever Pad	drill cuttings	18
6/10/2013	4736	Dever Pad	drill cuttings	18
6/10/2013	3790	Dever Pad	drill cuttings	18
6/10/2013	4335	Dever Pad	drill cuttings	18
6/10/2013	3619	Dever Pad	drill cuttings	18
				856


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Receipt # 3784		Date 6-4-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 19	
Driver Name	Rod Smith	Trailer # 542	
Source well/location	Dever Pad A		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature	Rod Smith		
Acceptance Site	RCC 80 Ponds facility	Signature	

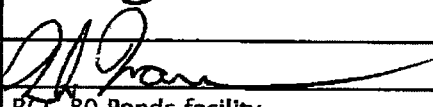
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 3832		Date 6-4-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 196	
Driver Name	Josh	Trailer # 534	
Source well/location	Dever Pad		
Source Owner	Antero		
Source Operator	11	Operator Signature	
Quantity	16 yds	Unit of Measure Yrds	
Material Type	cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

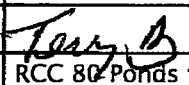
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 1980		Date 6-4-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 407	
Driver Name	Bryan Littlejohn	Trailer # 532	
Source well/location	Dever pad		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	16 yd	Unit of Measure	
Material Type	cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

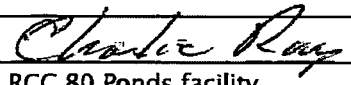
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Receipt # 3831		Date 6-4-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 207	
Driver Name	NARRAMORE	Trailer # 536	
Source well/location	DEVER PAD		
Source Owner	ANTECO		
Source Operator	Same	Operator Signature	
Quantity	16 yds	Unit of Measure YRDS	
Material Type	CUTTINGS		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

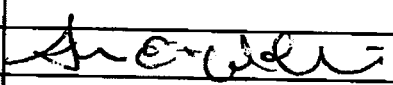
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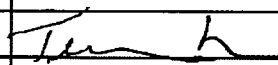
Receipt # 3070		Date 6-4-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 109	
Driver Name	Terry Bruckey	Trailer # S-40	
Source well/location	A Pad		
Source Owner	Deverce		
Source Operator		Operator Signature	
Quantity	1 Load 18 yds	Unit of Measure	
Material Type	Contaminated Dirt		
Problems/Comments			3
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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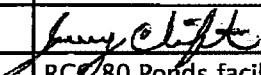
Receipt # 2922		Date 6-4-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 199	
Driver Name	Charlie Ray	Trailer # S-38	
Source well/location	A Pad		
Source Owner	Devera		
Source Operator		Operator Signature	
Quantity	1 Load 18 yds	Unit of Measure	
Material Type	Contaminated Dirt		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

Receipt # 3676		Date 6-5-2013	
Time In	12:00pm	Time Out	
Haul Company	Reams Construction Co.	Truck # 107	
Driver Name	Bill Taylor	Trailer # 538	
Source well/location	Washatch Pool I		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	combination dirt		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

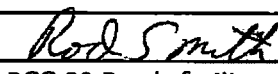
Receipt # 3833		Date 6-5-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 5407	
Driver Name	James Williams	Trailer # 532	
Source well/location	DRIVER ROAD		
Source Owner	ANTERO		
Source Operator	SEME	Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type	Drill Core		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

Receipt # 3072		Date 6-5-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 109	
Driver Name	Theray	Trailer # 540	
Source well/location	Washatch Pool I		
Source Owner	Denver		
Source Operator		Operator Signature	
Quantity	11d	Unit of Measure	
Material Type	Contaminated Dirt		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	


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Receipt # 4732		Date 6-5-2013	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 207	
Driver Name	Jerry CLIFT	Trailer # 536	
Source well/location	WASATCH PAD I		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 YDS	Unit of Measure	
Material Type	CONTAMINATED DIRT		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	


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Receipt # 3785		Date 6-5-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 19	
Driver Name	ROD SMITH	Trailer # 542	
Source well/location	DEVAN PAD A		
Source Owner	ANTERO		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	DRILL CUTTINGS		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

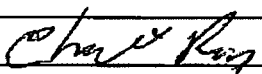
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 3443		Date 6-5-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 196	
Driver Name	Tosh	Trailer # 534	
Source well/location	Antero/Dner Pad		
Source Owner	"		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	CUTTINGS		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

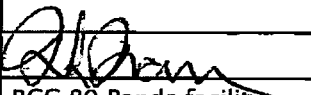
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 2819		Date 6-6-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 106	
Driver Name	Bosch	Trailer # 538	
Source well/location	Devon Pad		
Source Owner	Antero		
Source Operator	11	Operator Signature	
Quantity	18 yds	Unit of Measure yds	
Material Type	Cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

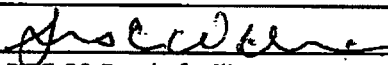
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 2820		Date 6-6-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 799	
Driver Name	Charlie Ray	Trailer # 5-34	
Source well/location	Devon A Pad		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	1 load	Unit of Measure 18 yd	
Material Type	Contaminated soil		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

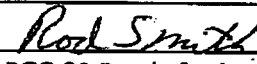
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Receipt # 4733		Date 6-6-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 207	
Driver Name	NARRAMORE	Trailer # 536	
Source well/location	DEVON PAD		
Source Owner	ANTERO		
Source Operator	ANTERO	Operator Signature	
Quantity	18 yds	Unit of Measure yds	
Material Type	Cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

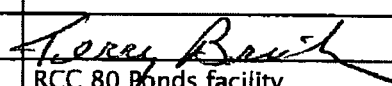
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 3834		Date 6-6-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 407	
Driver Name	James Withman	Trailer # 532	
Source well/location	Devon Pad-A		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3786		Date 6-6-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 19	
Driver Name	Red Smith	Trailer # 540	
Source well/location	Devon Pad A		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	DRILL CUTTINGS		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3073		Date 6/6/13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 109	
Driver Name	Terry Baucke	Trailer # 540	
Source well/location	Whatch Pad I		
Source Owner	Overseer		
Source Operator		Operator Signature	
Quantity	1 Yd	Unit of Measure	
Material Type	Contaminated Dril		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 3835		Date 6-7-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 407	
Driver Name	James Williams	Trailer # 532	
Source well/location	Dever Pond A		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature	<i>James Williams</i>		
Acceptance Site	RCC 80 Ponds facility	Signature <i>James Williams</i>	


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Receipt # 2980		Date 6-7-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 106	
Driver Name	Bobby Farmer	Trailer # 538	
Source well/location	Devers Pond		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type	Dirt/Sand/Mix		
Problems/Comments			
Driver Signature	<i>Bobby Farmer</i>		
Acceptance Site	RCC 80 Ponds facility	Signature	

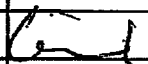
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 4332		Date 6-7-2013	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 196	
Driver Name	Jerry Clift	Trailer # 536	
Source well/location	Wasatch Pond Pad I		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	1 Load	Unit of Measure 18 yds	
Material Type	CONTAMINATED DIRT		
Problems/Comments			
Driver Signature	<i>Jerry Clift</i>		
Acceptance Site	RCC 80 Ponds facility	Signature	

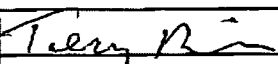
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 2151		Date 6-1-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 561-2	
Driver Name	Bryan Littlejohn	Trailer # T-2	
Source well/location	Dever Pass		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	16 yd	Unit of Measure	
Material Type	cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3074		Date 6-7-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 109	
Driver Name	Terry	Trailer # S-40	
Source well/location	Deleon		
Source Owner	URSA		
Source Operator		Operator Signature	
Quantity	11d	Unit of Measure	
Material Type	Contaminated Soil		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3075		Date 6-7-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 109	
Driver Name	Terry	Trailer # S-40	
Source well/location			
Source Owner	Reams Const.		
Source Operator		Operator Signature	
Quantity	11ds	Unit of Measure	
Material Type	Rock / Top Soil		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3181		Date 6-7-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 19	
Driver Name	Rod Smith	Trailer # 540	
Source well/location	Devon A Pad		
Source Owner	ANTERO		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	DRILL CUTTINGS		
Problems/Comments			
Driver Signature	Rod Smith		
Acceptance Site	RCC 80 Ponds facility	Signature	

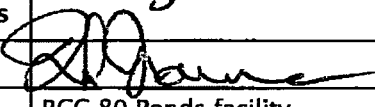
REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 2925		Date 6-7-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 199	
Driver Name	Charles Ray	Trailer # 534	
Source well/location	Devon Pad A		
Source Owner	URSE		
Source Operator		Operator Signature	
Quantity	1 Load	Unit of Measure 18 yds	
Material Type	Contaminated Soil		
Problems/Comments			
Driver Signature	Charles Ray		
Acceptance Site	RCC 80 Ponds facility	Signature	


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Receipt # 3836		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 407	
Driver Name	James Williams	Trailer # 532	
Source well/location	Devon Pad A		
Source Owner	ANTERO		
Source Operator		Operator Signature	
Quantity	18 Yards	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature	James Williams		
Acceptance Site	RCC 80 Ponds facility	Signature	


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Receipt # 4734		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 107	
Driver Name	NARRAMORE	Trailer # 5-37	
Source well/location	DEVER PAD		
Source Owner	ANTERO		
Source Operator	SAME	Operator Signature	
Quantity	18 yds	Unit of Measure yds	
Material Type	CUTTINGS		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3076		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 109	
Driver Name	Terry Bruck	Trailer # 5-40	
Source well/location	Dever Pad		
Source Owner	Unsu		
Source Operator		Operator Signature	
Quantity	11d	Unit of Measure	
Material Type	Contaminated Soil		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	


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Receipt # 3788		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 19	
Driver Name	Rod Smith	Trailer # 542	
Source well/location	Dever APad		
Source Owner	ANTERO		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	DRILL CUTTINGS		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

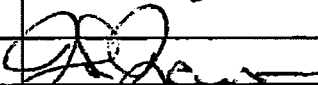
Receipt # 3444		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 209	
Driver Name	Dale Downer	Trailer # 538	
Source well/location	Dever Pad		
Source Owner	Antero		
Source Operator	Same	Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type			
Problems/Comments			
Driver Signature	Dale Downer		
Acceptance Site	RCC 80 Ponds facility	Signature	

Receipt # 3837		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 407	
Driver Name	James Whelan	Trailer # 532	
Source well/location	Dever Pad A		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature	James Whelan		
Acceptance Site	RCC 80 Ponds facility	Signature	


Receipt # 4333		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 196	
Driver Name	Jerry CLIFT	Trailer # 536	
Source well/location	Dever Pad		
Source Owner	Antero		
Source Operator	Same	Operator Signature	
Quantity	18 yds	Unit of Measure yrd	
Material Type	CUTTINGS		
Problems/Comments			
Driver Signature	Jerry Clift		
Acceptance Site	RCC 80 Ponds facility	Signature	

Receipt # 2138		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # SW-2	
Driver Name	BRYAN LITTLE	Trailer # T-2	
Source well/location	DEVER PAD		
Source Owner	ANTERO		
Source Operator		Operator Signature	
Quantity	18 yd	Unit of Measure	
Material Type	drill cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	


Receipt # 2139		Date 6-8-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # SW-2	
Driver Name	BRYAN LITTLE	Trailer # T-2	
Source well/location	DEVER PAD		
Source Owner	ANTERO		
Source Operator		Operator Signature	
Quantity	18 yd	Unit of Measure	
Material Type	drill cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

Receipt # 4735		Date 6-9-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 209	
Driver Name	NARRAMORE	Trailer # 538	
Source well/location	DEVER PAD		
Source Owner	ANTERO		
Source Operator	SAMP	Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	Cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	


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Receipt # 3638		Date 6-9-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 407	
Driver Name	James Williams	Trailer # 532	
Source well/location	Devon Pad A		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	


REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 3677		Date 6-9-13	
Time In	10:15	Time Out 10:30	
Haul Company	Reams Construction Co.	Truck # 107	
Driver Name	Bob Taylor	Trailer # 534	
Source well/location	Devon Pad		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	Mixed Cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

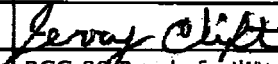
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Receipt # 3789		Date 6-9-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 12	
Driver Name	ROD SMITH	Trailer # 542	
Source well/location	Devon A Pad		
Source Owner	ANTERO		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	DRILL CUTTINGS		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	


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Receipt # 2140		Date 6-9-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 5122	
Driver Name	Bryan Littlejohn	Trailer # T-2	
Source well/location	Dever PAA		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yd	Unit of Measure	
Material Type	Drill cuttings		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 4334		Date 6-9-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 196	
Driver Name	Jerry CLIFT	Trailer # 836	
Source well/location	Dever		
Source Owner	ANTERO		
Source Operator	SAME	Operator Signature	
Quantity	1 Load 18 yds	Unit of Measure yds	
Material Type	CUTTINGS DIRT		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

REAMS CONSTRUCTION CO. • P.O. Box 106, Naturita, CO 81422 (970) 865-2886

Receipt # 3080		Date 6-9-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 109	
Driver Name	Tony	Trailer # S-40	
Source well/location	Dinosaur A Pool		
Source Owner	Unocal		
Source Operator		Operator Signature	
Quantity	1 Load 18 yds	Unit of Measure	
Material Type	Carbonated Soil		
Problems/Comments			
Driver Signature			
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt #	3078	Date	6-9-13
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck #	109
Driver Name	Terry	Trailer #	5-40
Source well/location	D. Orterce A Pond		
Source Owner	URSA		
Source Operator		Operator Signature	
Quantity	1 Ld 14 yds	Unit of Measure	
Material Type	Contaminated Soil		
Problems/Comments			
Driver Signature	Terry Bouch		
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt #	3839	Date	6-10-13
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck #	407
Driver Name	James White	Trailer #	5-32
Source well/location	Devon Pond A		
Source Owner	Antone		
Source Operator		Operator Signature	
Quantity	18 yards	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature	Jim E. White		
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt #	4736	Date	6-10-13
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck #	109
Driver Name	Terry	Trailer #	5-40
Source well/location	A Pond D. Orterce		
Source Owner	Uase		
Source Operator		Operator Signature	
Quantity	1 Ld	Unit of Measure	
Material Type	Contaminated Soil		
Problems/Comments			
Driver Signature	Terry		
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3790		Date 6-10-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 19	
Driver Name	Rod Smith	Trailer # 542	
Source well/location	Devan A Pad		
Source Owner	Antero		
Source Operator		Operator Signature	
Quantity	18 yds	Unit of Measure	
Material Type	Drill Cuttings		
Problems/Comments			
Driver Signature	Rod Smith		
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 4335		Date 6-10-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 196	
Driver Name	Jerry CLIFT	Trailer # 536	
Source well/location	Dever Pad		
Source Owner	Antero		
Source Operator	SAME	Operator Signature	
Quantity	1 Load 18 yds	Unit of Measure yds	
Material Type	Cuttings & Dirt		
Problems/Comments			
Driver Signature	Jerry Clift		
Acceptance Site	RCC 80 Ponds facility	Signature	

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Receipt # 3819		Date 6-10-13	
Time In		Time Out	
Haul Company	Reams Construction Co.	Truck # 209	
Driver Name	Kevin Clark	Trailer # 538	
Source well/location	Dever Pad		
Source Owner	Antero		
Source Operator	SC	Operator Signature	
Quantity	20 yds	Unit of Measure	
Material Type	Mixed dirt		
Problems/Comments			
Driver Signature	Kevin Clark		
Acceptance Site	RCC 80 Ponds facility	Signature	