HIP - __123__

GENERAL CORRESPONDENCE

YEAR(S): 2013 to Present

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Tuesday, November 19, 2013 11:09 AM
To: 'Eileen Shannon'
Cc: jagwhite@eprod. com (jagwhite@eprod.com); Runell Seale (RSeale@eprod.com); Luke Davis (luke1d@msn.com); Theresa Ancell
Subject: RE: HIP-123 WEP III - Seg 1 Additional Source - Blanco Trading Post

The Oil Conservation Division hereby approves the Blanco Trading Post Commercial Well (36.356565, -107.811107) as an additional hydrostatic test water source under permit HIP-123 for Enterprise Products Operating Company LLC's Western Expansion Pipeline III Segment 1 pipeline project. If you have any questions regarding this matter, please do not hesitate to contact me.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Eileen Shannon [mailto:EShannon@kleinfelder.com]
Sent: Thursday, November 14, 2013 4:18 PM
To: Jones, Brad A., EMNRD
Cc: jagwhite@eprod. com (jagwhite@eprod.com); Runell Seale (RSeale@eprod.com); Luke Davis (luke1d@msn.com); Theresa Ancell
Subject: WEP III - Seg 1 Additional Source - Blanco Trading Post

Hi Brad,

On behalf of Enterprise Products Operating Company LLC (Enterprise), Kleinfelder West, Inc. is submitting this notice of a change in source water for hydrostatic testing of Segment 1 of Enterprise's Western Expansion Pipeline III. Because of dropping water levels, the original proposed sources for water for testing are not likely to have sufficient water available to Enterprise for use in the hydrostatic test. In addition to the previously proposed Odie Chapman Ponds, the Hill Top Well, and the Bloomfield Water Supply System, Enterprise would like to add the following as a potential source of water for the Segment 1 hydrostatic testing:

- Blanco Trading Post Commercial Well (36.356565, -107.811107)

Radium concentrations for the Blanco Trading Post Well are:

- Rad-266 0.0747 +/- 0.341 pCi/L
- Rad-228 0.435 +/- 0.408 pci/L

Please call me or Barbara if you have questions.

Eileen

Eileen Shannon P.G.
Project Manager
9019 Washington NE, Building A
Albuquerque, NM 87113
o| 505.344.7373 Ext. 254
c| 505.307.0722
f| 505.344.1711

Jones, Brad A., EMNRD

From: Eileen Shannon <EShannon@kleinfelder.com>
Sent: Thursday, November 14, 2013 4:18 PM
To: Jones, Brad A., EMNRD
Cc: jagwhite@eprod. com (jagwhite@eprod.com); Runell Seale (RSeale@eprod.com); Luke Davis (luke1d@msn.com); Theresa Ancell
Subject: WEP III - Seg 1 Additional Source - Blanco Trading Post
Attachments: Blanco Trading Post.pdf

Hi Brad,

On behalf of Enterprise Products Operating Company LLC (Enterprise), Kleinfelder West, Inc. is submitting this notice of a change in source water for hydrostatic testing of Segment 1 of Enterprise's Western Expansion Pipeline III. Because of dropping water levels, the original proposed sources for water for testing are not likely to have sufficient water available to Enterprise for use in the hydrostatic test. In addition to the previously proposed Odie Chapman Ponds, the Hill Top Well, and the Bloomfield Water Supply System, Enterprise would like to add the following as a potential source of water for the Segment 1 hydrostatic testing:

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Radium concentrations for the Blanco Trading Post Well are:

- Rad-266 0.0747 +/- 0.341 pCi/L
- Rad-228 0.435 +/- 0.408 pci/L

Please call me or Barbara if you have questions.
Eileen

Eileen Shannon P.G.
Project Manager
9019 Washington NE, Building A
Albuquerque, NM 87113
o| 505.344.7373 Ext. 254
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f| 505.344.1711

KLEINFELDER
Bright People. Right Solutions.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 12, 2013

Kay Lambert
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505
TEL: (970) 243-3271
FAX

RE: Enterprise WEP III Water Sampling OrderNo.: 1310E19

Dear Kay Lambert:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/30/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1310E19**
Date Reported: **11/12/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Blanco Trading Post
Project: Enterprise WEP III Water Sampling
Collection Date: 10/30/2013 9:19:00 AM
Lab ID: 1310E19-001
Matrix: AQUEOUS
Received Date: 10/30/2013 12:33:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**	
1,2-Dibromoethane	ND	0.010		µg/L	1	10/30/2013 4:31:39 PM	10106
EPA METHOD 8082: PCB'S						Analyst: **SCC**	
Aroclor 1016	ND	1.0		µg/L	1	10/31/2013 6:07:16 PM	10118
Aroclor 1221	ND	1.0		µg/L	1	10/31/2013 6:07:16 PM	10118
Aroclor 1232	ND	1.0		µg/L	1	10/31/2013 6:07:16 PM	10118
Aroclor 1242	ND	1.0		µg/L	1	10/31/2013 6:07:16 PM	10118
Aroclor 1248	ND	1.0		µg/L	1	10/31/2013 6:07:16 PM	10118
Aroclor 1254	ND	1.0		µg/L	1	10/31/2013 6:07:16 PM	10118
Aroclor 1260	ND	1.0		µg/L	1	10/31/2013 6:07:16 PM	10118
Surr: Decachlorobiphenyl	93.6	17-123		%REC	1	10/31/2013 6:07:16 PM	10118
Surr: Tetrachloro-m-xylene	80.8	22.6-113		%REC	1	10/31/2013 6:07:16 PM	10118
EPA METHOD 8310: PAHS						Analyst: **SCC**	
Naphthalene	ND	2.0		µg/L	1	10/31/2013 4:13:50 PM	10092
1-Methylnaphthalene	ND	2.0		µg/L	1	10/31/2013 4:13:50 PM	10092
2-Methylnaphthalene	ND	2.0		µg/L	1	10/31/2013 4:13:50 PM	10092
Acenaphthylene	ND	2.5		µg/L	1	10/31/2013 4:13:50 PM	10092
Acenaphthene	ND	5.0		µg/L	1	10/31/2013 4:13:50 PM	10092
Fluorene	ND	0.80		µg/L	1	10/31/2013 4:13:50 PM	10092
Phenanthrene	ND	0.60		µg/L	1	10/31/2013 4:13:50 PM	10092
Anthracene	ND	0.60		µg/L	1	10/31/2013 4:13:50 PM	10092
Fluoranthene	ND	0.30		µg/L	1	10/31/2013 4:13:50 PM	10092
Pyrene	ND	0.30		µg/L	1	10/31/2013 4:13:50 PM	10092
Benz(a)anthracene	ND	0.070		µg/L	1	10/31/2013 4:13:50 PM	10092
Chrysene	ND	0.20		µg/L	1	10/31/2013 4:13:50 PM	10092
Benzo(b)fluoranthene	ND	0.10		µg/L	1	10/31/2013 4:13:50 PM	10092
Benzo(k)fluoranthene	ND	0.070		µg/L	1	10/31/2013 4:13:50 PM	10092
Benzo(a)pyrene	ND	0.070		µg/L	1	10/31/2013 4:13:50 PM	10092
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	10/31/2013 4:13:50 PM	10092
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	10/31/2013 4:13:50 PM	10092
Indeno(1,2,3-cd)pyrene	ND	0.25		µg/L	1	10/31/2013 4:13:50 PM	10092
Surr: Benzo(e)pyrene	73.7	43.2-113		%REC	1	10/31/2013 4:13:50 PM	10092
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Fluoride	0.24	0.10		mg/L	1	10/30/2013 3:46:02 PM	R14478
Chloride	3.1	0.50		mg/L	1	10/31/2013 4:00:55 PM	R14510
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	10/30/2013 3:46:02 PM	R14478
Sulfate	400	10		mg/L	20	10/30/2013 4:23:17 PM	R14478
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**	

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Blanco Trading Post
Project: Enterprise WEP III Water Sampling
Collection Date: 10/30/2013 9:19:00 AM
Lab ID: 1310E19-001
Matrix: AQUEOUS
Received Date: 10/30/2013 12:33:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**	
Aluminum	ND	0.020		mg/L	1	11/5/2013 3:55:02 PM	R14586
Barium	0.021	0.0020		mg/L	1	10/31/2013 1:31:22 PM	R14514
Boron	0.049	0.040		mg/L	1	11/5/2013 3:55:02 PM	R14586
Cadmium	ND	0.0020		mg/L	1	10/31/2013 1:31:22 PM	R14514
Chromium	ND	0.0060		mg/L	1	10/31/2013 1:31:22 PM	R14514
Cobalt	ND	0.0060		mg/L	1	11/5/2013 3:55:02 PM	R14586
Copper	ND	0.0060		mg/L	1	10/31/2013 1:31:22 PM	R14514
Iron	0.060	0.020		mg/L	1	10/31/2013 1:31:22 PM	R14514
Lead	ND	0.0050		mg/L	1	11/5/2013 3:55:02 PM	R14586
Manganese	0.011	0.0020		mg/L	1	10/31/2013 1:31:22 PM	R14514
Molybdenum	ND	0.0080		mg/L	1	11/5/2013 3:55:02 PM	R14586
Nickel	ND	0.010		mg/L	1	10/31/2013 1:31:22 PM	R14514
Silver	ND	0.0050		mg/L	1	10/31/2013 1:31:22 PM	R14514
Zinc	0.19	0.010		mg/L	1	10/31/2013 1:31:22 PM	R14514
EPA 200.8: DISSOLVED METALS						Analyst: **DBD**	
Arsenic	ND	0.0010		mg/L	1	11/4/2013 2:49:08 PM	R14570
Selenium	ND	0.0010		mg/L	1	11/4/2013 2:49:08 PM	R14570
Uranium	ND	0.0010		mg/L	1	11/4/2013 2:49:08 PM	R14570
EPA METHOD 245.1: MERCURY						Analyst: **JML**	
Mercury	ND	0.00020		mg/L	1	11/4/2013 5:24:49 PM	10167
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
Benzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Toluene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Ethylbenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Naphthalene	ND	2.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1-Methylnaphthalene	ND	4.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
2-Methylnaphthalene	ND	4.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Acetone	ND	10		µg/L	1	10/31/2013 12:07:25 AM	R14462
Bromobenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Bromodichloromethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Bromoform	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Bromomethane	ND	3.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
2-Butanone	ND	10		µg/L	1	10/31/2013 12:07:25 AM	R14462

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

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J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Blanco Trading Post
Project: Enterprise WEP III Water Sampling
Collection Date: 10/30/2013 9:19:00 AM
Lab ID: 1310E19-001
Matrix: AQUEOUS
Received Date: 10/30/2013 12:33:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
Carbon disulfide	ND	10		µg/L	1	10/31/2013 12:07:25 AM	R14462
Carbon Tetrachloride	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Chlorobenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Chloroethane	ND	2.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Chloroform	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Chloromethane	ND	3.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
2-Chlorotoluene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
4-Chlorotoluene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
cis-1,2-DCE	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Dibromochloromethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Dibromomethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,1-Dichloroethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,1-Dichloroethene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2-Dichloropropane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,3-Dichloropropane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
2,2-Dichloropropane	ND	2.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,1-Dichloropropene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Hexachlorobutadiene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
2-Hexanone	ND	10		µg/L	1	10/31/2013 12:07:25 AM	R14462
Isopropylbenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
4-Isopropyltoluene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
4-Methyl-2-pentanone	ND	10		µg/L	1	10/31/2013 12:07:25 AM	R14462
Methylene Chloride	ND	3.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
n-Butylbenzene	ND	3.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
n-Propylbenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
sec-Butylbenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Styrene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
tert-Butylbenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
trans-1,2-DCE	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
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- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Blanco Trading Post
Project: Enterprise WEP III Water Sampling
Collection Date: 10/30/2013 9:19:00 AM
Lab ID: 1310E19-001
Matrix: AQUEOUS
Received Date: 10/30/2013 12:33:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: **cadg**
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Trichlorofluoromethane	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Vinyl chloride	ND	1.0		µg/L	1	10/31/2013 12:07:25 AM	R14462
Xylenes, Total	ND	1.5		µg/L	1	10/31/2013 12:07:25 AM	R14462
Surr: 1,2-Dichloroethane-d4	103	70-130		%REC	1	10/31/2013 12:07:25 AM	R14462
Surr: 4-Bromofluorobenzene	98.8	70-130		%REC	1	10/31/2013 12:07:25 AM	R14462
Surr: Dibromofluoromethane	107	70-130		%REC	1	10/31/2013 12:07:25 AM	R14462
Surr: Toluene-d8	96.9	70-130		%REC	1	10/31/2013 12:07:25 AM	R14462
TOTAL PHENOLICS BY SW-846 9067							Analyst: **SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	10/31/2013	10096
SM4500-H+B: PH							Analyst: **JML**
pH	8.65	1.68	*H	pH units	1	10/30/2013 8:23:22 PM	R14479
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: **KS**
Total Dissolved Solids	884	20.0	*	mg/L	1	11/1/2013 3:46:00 PM	10139

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1310E19-002
Matrix: TRIP BLANK
Received Date: 10/30/2013 12:33:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**	
1,2-Dibromoethane	ND	0.010		µg/L	1	10/30/2013 4:45:24 PM	10106
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
Benzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Toluene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Ethylbenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Naphthalene	ND	2.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1-Methylnaphthalene	ND	4.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
2-Methylnaphthalene	ND	4.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Acetone	ND	10		µg/L	1	10/31/2013 1:04:48 AM	R14462
Bromobenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Bromodichloromethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Bromoform	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Bromomethane	ND	3.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
2-Butanone	ND	10		µg/L	1	10/31/2013 1:04:48 AM	R14462
Carbon disulfide	ND	10		µg/L	1	10/31/2013 1:04:48 AM	R14462
Carbon Tetrachloride	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Chlorobenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Chloroethane	ND	2.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Chloroform	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Chloromethane	ND	3.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
2-Chlorotoluene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
4-Chlorotoluene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
cis-1,2-DCE	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Dibromochloromethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Dibromomethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,1-Dichloroethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,1-Dichloroethene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2-Dichloropropane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1310E19-002
Matrix: TRIP BLANK
Received Date: 10/30/2013 12:33:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
2,2-Dichloropropane	ND	2.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,1-Dichloropropene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Hexachlorobutadiene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
2-Hexanone	ND	10		µg/L	1	10/31/2013 1:04:48 AM	R14462
Isopropylbenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
4-Isopropyltoluene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
4-Methyl-2-pentanone	ND	10		µg/L	1	10/31/2013 1:04:48 AM	R14462
Methylene Chloride	ND	3.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
n-Butylbenzene	ND	3.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
n-Propylbenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
sec-Butylbenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Styrene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
tert-Butylbenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
trans-1,2-DCE	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Trichlorofluoromethane	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Vinyl chloride	ND	1.0		µg/L	1	10/31/2013 1:04:48 AM	R14462
Xylenes, Total	ND	1.5		µg/L	1	10/31/2013 1:04:48 AM	R14462
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%REC	1	10/31/2013 1:04:48 AM	R14462
Surr: 4-Bromofluorobenzene	100	70-130		%REC	1	10/31/2013 1:04:48 AM	R14462
Surr: Dibromofluoromethane	111	70-130		%REC	1	10/31/2013 1:04:48 AM	R14462
Surr: Toluene-d8	95.9	70-130		%REC	1	10/31/2013 1:04:48 AM	R14462

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	131031009
Address:	4901 HAWKINS NE SUITE D	**Project Name:**	1310E19
	ALBUQUERQUE, NM 87109		
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	131031009-001	**Sampling Date**	10/30/2013	**Date/Time Received**	10/31/2013 11:25 AM
Client Sample ID	1310E19-001I / BLANCO TRADING POST			**Sampling Time**	9:19 AM
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	11/1/2013	CRW	EPA 335.4	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Pace Analytical®
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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 1310E19
Pace Project No.: 30106454

Sample: 1310E19-001 Blanc Trading Post **Lab ID: 30106454001** Collected: 10/30/13 09:19 Received: 10/31/13 10:10 Matrix: Water

PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.0747 ± 0.341 (0.202)**	pCi/L	11/11/13 16:50	13982-63-3	
Radium-228	EPA 904.0	**0.435 ± 0.406 (0.829)**	pCi/L	11/11/13 13:30	15262-20-1	

REPORT OF LABORATORY ANALYSIS

Date: 11/12/2013 02:04 PM

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1310E19
Pace Project No.: 30106454

QC Batch: RADC/17666
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Associated Lab Samples: 30106454001

METHOD BLANK: 653690
Matrix: Water
Associated Lab Samples: 30106454001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-226	-0.172 ± 0.376 (0.758)	pCi/L	11/11/13 15:11	

REPORT OF LABORATORY ANALYSIS

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1310E19
Pace Project No.: 30106454

QC Batch: RADC/17668
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Associated Lab Samples: 30106454001

METHOD BLANK: 653692
Matrix: Water
Associated Lab Samples: 30106454001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-228	-0.0191 ± 0.258 (0.608)	pCi/L	11/11/13 12:22	

REPORT OF LABORATORY ANALYSIS

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R14514**	RunNo: **14514**
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416837** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Copper	ND	0.0060								
Iron	ND	0.020								
Manganese	ND	0.0020								
Nickel	ND	0.010								
Silver	ND	0.0050								
Zinc	ND	0.010								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R14514**	RunNo: **14514**
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416838** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.48	0.0020	0.5000	0	96.3	85	115			
Cadmium	0.50	0.0020	0.5000	0	100	85	115			
Chromium	0.51	0.0060	0.5000	0	101	85	115			
Copper	0.49	0.0060	0.5000	0	97.3	85	115			
Iron	0.48	0.020	0.5000	0	96.3	85	115			
Manganese	0.50	0.0020	0.5000	0	99.1	85	115			
Nickel	0.49	0.010	0.5000	0	98.7	85	115			
Silver	0.10	0.0050	0.1000	0	102	85	115			
Zinc	0.49	0.010	0.5000	0	97.7	85	115			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R14586**	RunNo: **14586**
Prep Date:	Analysis Date: **11/5/2013**	SeqNo: **419170** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Boron	ND	0.040								
Cobalt	ND	0.0060								
Lead	ND	0.0050								
Molybdenum	ND	0.0080								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R14586**	RunNo: **14586**
Prep Date:	Analysis Date: **11/5/2013**	SeqNo: **419171** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.54	0.020	0.5000	0	107	85	115			
Boron	0.49	0.040	0.5000	0	98.1	85	115			
Cobalt	0.49	0.0060	0.5000	0	98.6	85	115			
Lead	0.49	0.0050	0.5000	0	98.6	85	115			
Molybdenum	0.49	0.0080	0.5000	0	98.5	85	115			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R14570**	RunNo: **14570**
Prep Date:	Analysis Date: **11/4/2013**	SeqNo: **418605** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.025	0.0010	0.02500	0	101	85	115			
Selenium	0.025	0.0010	0.02500	0	100	85	115			
Uranium	0.024	0.0010	0.02500	0	97.9	85	115			

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R14570**	RunNo: **14570**
Prep Date:	Analysis Date: **11/4/2013**	SeqNo: **418606** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.025	0.0010	0.02500	0	99.2	85	115			
Selenium	0.024	0.0010	0.02500	0	97.2	85	115			
Uranium	0.025	0.0010	0.02500	0	101	85	115			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R14570**	RunNo: **14570**
Prep Date:	Analysis Date: **11/4/2013**	SeqNo: **418609** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Selenium	ND	0.0010								
Uranium	ND	0.0010								

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R14570**	RunNo: **14570**
Prep Date:	Analysis Date: **11/4/2013**	SeqNo: **418610** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Selenium	ND	0.0010								
Uranium	ND	0.0010								

Qualifiers:

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- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-10167**	SampType: **MBLK**	TestCode: **EPA Method 245.1: Mercury**							
Client ID: **PBW**	Batch ID: **10167**	RunNo: **14559**							
Prep Date: **11/4/2013**	Analysis Date: **11/4/2013**	SeqNo: **418032**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID **LCS-10167**	SampType: **LCS**	TestCode: **EPA Method 245.1: Mercury**							
Client ID: **LCSW**	Batch ID: **10167**	RunNo: **14559**							
Prep Date: **11/4/2013**	Analysis Date: **11/4/2013**	SeqNo: **418033**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0050	0.00020	0.005000	0	99.0	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415934**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	2.4	0.10	2.400	0	100	90	110			
Nitrogen, Nitrate (As N)	7.4	0.10	7.200	0	103	90	110			
Sulfate	30	0.50	30.00	0	99.7	90	110			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415936**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSW**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415937**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	97.4	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	94.4	90	110			
Sulfate	9.3	0.50	10.00	0	93.3	90	110			

Sample ID **1310E19-001EMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **Blanco Trading Pos**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415943**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.72	0.10	0.5000	0.2359	97.6	76.9	114			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	95.1	93	113			

Sample ID **1310E19-001EMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **Blanco Trading Pos**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415944**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.73	0.10	0.5000	0.2359	98.7	76.9	114	0.716	20	
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	96.6	93	113	1.58	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

WO#: **1310E19**

Hall Environmental Analysis Laboratory, Inc.

12-Nov-13

Client: HRL Compliance Solutions
Project: Enterprise WEP III Water Sampling

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415946**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.96	0.10	1.000	0	96.1	90	110			
Nitrogen, Nitrate (As N)	2.8	0.10	3.000	0	92.6	90	110			
Sulfate	11	0.50	12.50	0	90.9	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415958**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.6	0.10	1.600	0	98.8	90	110			
Nitrogen, Nitrate (As N)	4.6	0.10	4.800	0	96.8	90	110			
Sulfate	19	0.50	20.00	0	94.6	90	110			

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415970**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	2.5	0.10	2.400	0	102	90	110			
Nitrogen, Nitrate (As N)	7.4	0.10	7.200	0	102	90	110			
Sulfate	30	0.50	30.00	0	98.5	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **415982**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.98	0.10	1.000	0	97.8	90	110			
Nitrogen, Nitrate (As N)	2.8	0.10	3.000	0	92.7	90	110			
Sulfate	11	0.50	12.50	0	91.4	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **415994**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.6	0.10	1.600	0	103	90	110			
Nitrogen, Nitrate (As N)	4.7	0.10	4.800	0	97.1	90	110			
Sulfate	19	0.50	20.00	0	94.6	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14478**	RunNo: **14478**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416002**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	2.5	0.10	2.400	0	105	90	110			
Nitrogen, Nitrate (As N)	7.3	0.10	7.200	0	102	90	110			
Sulfate	30	0.50	30.00	0	98.5	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14510**	RunNo: **14510**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416675**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.7	0.50	8.000	0	96.6	90	110			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R14510**	RunNo: **14510**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416677**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID **LCS-b**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSW**	Batch ID: **R14510**	RunNo: **14510**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416679**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.4	90	110			

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14510**	RunNo: **14510**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416688**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	12	0.50	12.00	0	102	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R14510**	RunNo: **14510**							
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416700**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.3	90	110			

Qualifiers:

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- E Value above quantitation range
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- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R14510**	RunNo: **14510**
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416724** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.7	0.50	8.000	0	96.5	90	110			

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R14510**	RunNo: **14510**
Prep Date:	Analysis Date: **10/31/2013**	SeqNo: **416736** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	12	0.50	12.00	0	101	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R14510**	RunNo: **14510**
Prep Date:	Analysis Date: **11/1/2013**	SeqNo: **416748** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.7	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R14510**	RunNo: **14510**
Prep Date:	Analysis Date: **11/1/2013**	SeqNo: **416760** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.7	0.50	8.000	0	96.7	90	110			

Qualifiers:

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- B Analyte detected in the associated Method Blank
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- ND Not Detected at the Reporting Limit
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-10106**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **10106**	RunNo: **14451**
Prep Date: **10/30/2013**	Analysis Date: **10/30/2013**	SeqNo: **415342** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID **LCS-10106**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **10106**	RunNo: **14451**
Prep Date: **10/30/2013**	Analysis Date: **10/30/2013**	SeqNo: **415343** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.10	0.010	0.1000	0	104	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
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- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-10118**	SampType: **MBLK**	TestCode: **EPA Method 8082: PCB's**							
Client ID: **PBW**	Batch ID: **10118**	RunNo: **14494**							
Prep Date: **10/31/2013**	Analysis Date: **10/31/2013**	SeqNo: **416283**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.5		2.500		99.6	17	123			
Surr: Tetrachloro-m-xylene	2.2		2.500		86.0	22.6	113			

Sample ID **LCS-10118**	SampType: **LCS**	TestCode: **EPA Method 8082: PCB's**							
Client ID: **LCSW**	Batch ID: **10118**	RunNo: **14494**							
Prep Date: **10/31/2013**	Analysis Date: **10/31/2013**	SeqNo: **416284**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	4.1	1.0	5.000	0	81.4	18.6	134			
Aroclor 1260	5.0	1.0	5.000	0	100	35.7	137			
Surr: Decachlorobiphenyl	2.3		2.500		92.0	17	123			
Surr: Tetrachloro-m-xylene	2.0		2.500		81.6	22.6	113			

Sample ID **1310E19-001DMS**	SampType: **MS**	TestCode: **EPA Method 8082: PCB's**							
Client ID: **Blanco Trading Pos**	Batch ID: **10118**	RunNo: **14494**							
Prep Date: **10/31/2013**	Analysis Date: **10/31/2013**	SeqNo: **416297**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.3	1.0	5.000	0	45.4	70	130			S
Aroclor 1260	3.5	1.0	5.000	0	70.4	61.1	129			
Surr: Decachlorobiphenyl	2.0		2.500		78.0	17	123			
Surr: Tetrachloro-m-xylene	1.5		2.500		60.8	22.6	113			

Sample ID **1310E19-001DMSD**	SampType: **MSD**	TestCode: **EPA Method 8082: PCB's**							
Client ID: **Blanco Trading Pos**	Batch ID: **10118**	RunNo: **14494**							
Prep Date: **10/31/2013**	Analysis Date: **10/31/2013**	SeqNo: **416298**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.5	1.0	5.000	0	50.9	70	130	11.5	20	S
Aroclor 1260	3.9	1.0	5.000	0	78.7	61.1	129	11.1	12.9	
Surr: Decachlorobiphenyl	2.2		2.500		87.2	17	123	0	0	
Surr: Tetrachloro-m-xylene	1.7		2.500		67.2	22.6	113	0	0	

Qualifiers:

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- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
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- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R14462**	RunNo: **14462**
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415438** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								

Qualifiers:

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- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
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- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R14462**	RunNo: **14462**
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415438** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.9	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.5		10.00		94.9	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R14462**	RunNo: **14462**
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415440** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	114	70	130			
Toluene	21	1.0	20.00	0	105	82.2	124			
Chlorobenzene	20	1.0	20.00	0	98.6	70	130			

Qualifiers:

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- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
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- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R14462**	RunNo: **14462**
Prep Date:	Analysis Date: **10/30/2013**	SeqNo: **415440** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	26	1.0	20.00	0	132	83.5	155			
Trichloroethene (TCE)	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.0	70	130			
Surr: Toluene-d8	9.8		10.00		98.0	70	130			

Qualifiers:

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- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

WO#: **1310E19**

Hall Environmental Analysis Laboratory, Inc.

12-Nov-13

Client: HRL Compliance Solutions
Project: Enterprise WEP III Water Sampling

Sample ID **MB-10092**	SampType: **MBLK**	TestCode: **EPA Method 8310: PAHs**
Client ID: **PBW**	Batch ID: **10092**	RunNo: **14492**
Prep Date: **10/30/2013**	Analysis Date: **10/31/2013**	SeqNo: **416243** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	2.0								
2-Methylnaphthalene	ND	2.0								
Acenaphthylene	ND	2.5								
Acenaphthene	ND	5.0								
Fluorene	ND	0.80								
Phenanthrene	ND	0.60								
Anthracene	ND	0.60								
Fluoranthene	ND	0.30								
Pyrene	ND	0.30								
Benz(a)anthracene	ND	0.070								
Chrysene	ND	0.20								
Benzo(b)fluoranthene	ND	0.10								
Benzo(k)fluoranthene	ND	0.070								
Benzo(a)pyrene	ND	0.070								
Dibenz(a,h)anthracene	ND	0.12								
Benzo(g,h,i)perylene	ND	0.12								
Indeno(1,2,3-cd)pyrene	ND	0.25								
Surr: Benzo(e)pyrene	16		20.00		77.8	43.2	113			

Sample ID **LCS-10092**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **10092**	RunNo: **14492**
Prep Date: **10/30/2013**	Analysis Date: **10/31/2013**	SeqNo: **416245** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	45	2.0	80.00	0	55.9	50.3	86.5			
1-Methylnaphthalene	48	2.0	80.20	0	60.0	50.3	91.6			
2-Methylnaphthalene	48	2.0	80.00	0	60.4	48.2	94.9			
Acenaphthylene	48	2.5	80.20	0	59.8	53.2	93.7			
Acenaphthene	48	5.0	80.00	0	59.9	51.6	95.9			
Fluorene	4.1	0.80	8.020	0	51.0	31.9	97.4			
Phenanthrene	2.3	0.60	4.020	0	58.0	52.7	90.3			
Anthracene	2.4	0.60	4.020	0	59.7	49.9	88.1			
Fluoranthene	4.9	0.30	8.020	0	61.1	51.4	94.4			
Pyrene	4.0	0.30	8.020	0	49.4	47.7	89.5			
Benz(a)anthracene	0.46	0.070	0.8020	0	57.4	34.2	108			
Chrysene	2.3	0.20	4.020	0	56.5	32.9	96.8			
Benzo(b)fluoranthene	0.60	0.10	1.002	0	59.9	55.9	103			
Benzo(k)fluoranthene	0.30	0.070	0.5000	0	60.0	57.9	108			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS-10092**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **10092**	RunNo: **14492**
Prep Date: **10/30/2013**	Analysis Date: **10/31/2013**	SeqNo: **416245** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzo(a)pyrene	0.30	0.070	0.5020	0	59.8	55.6	107			
Dibenz(a,h)anthracene	0.59	0.12	1.002	0	58.9	57.9	104			
Benzo(g,h,i)perylene	0.58	0.12	1.000	0	58.0	57.2	105			
Indeno(1,2,3-cd)pyrene	1.3	0.25	2.004	0	63.9	53.5	102			
Surr: Benzo(e)pyrene	17		20.00		84.7	43.2	113			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
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- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1310E19**

12-Nov-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-10139**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **10139**	RunNo: **14519**
Prep Date: **10/31/2013**	Analysis Date: **11/1/2013**	SeqNo: **417139** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID **LCS-10139**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **10139**	RunNo: **14519**
Prep Date: **10/31/2013**	Analysis Date: **11/1/2013**	SeqNo: **417140** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1040	20.0	1000	0	104	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HRL COMPLIANCE SOL Work Order Number: 1310E19 RcptNo: 1

Received by/date: AG 10/30/13

Logged By: Michelle Garcia 10/30/2013 12:33:00 PM Michelle Garcia

Completed By: Michelle Garcia 10/30/2013 1:47:40 PM Michelle Garcia

Reviewed By: 10/30/13

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Client		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☐	No ☑	NA ☐
Samples were collected the same day and chilled.			
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 7 (<2 or >12 unless noted)

Adjusted?

Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	6.9	Good	Not Present			

Chain-of-Custody Record

Client: HRL Compliance Solutions

Mailing Address: 2345 F½ Rd
Grand Junction CO 81505

Phone #: 970-462-5440

email or Fax#: tancell@hrlcomp.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other _____

☒ EDD (Type) _____

Turn-Around Time:
☐ Standard ☒ Rush _____

Project Name: Enterprise WEP III - Water Sampling

Project #: 13-110.2

Project Manager: Kay Lambert

Sampler: Jim Hughes

On Ice: ☒ Yes ☐ No

Sample Temperature: 5

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1310E19	Analysis Request: BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	WQCC				Air Bubbles (Y or N)
10-30-13	10/31 0919	SW	Blanco Trading Post	see various containers	see containers	-001												X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
10/30/13	12:33			10/30/13	12:33
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Jones, Brad A., EMNRD

HTP-23

From: Eileen Shannon <EShannon@kleinfelder.com>
Sent: Thursday, October 10, 2013 3:42 PM
To: Jones, Brad A., EMNRD
Cc: jagwhite@eprod. com (jagwhite@eprod.com); Runell Seale (RSeale@eprod.com); Theresa Ancell; Luke Davis (luke1d@msn.com)
Subject: WEP III - Seg 1 additional water source
Attachments: Blanco Trading Post Water Analysis.pdf.pdf

Hi Brad,

On behalf of Enterprise Products Operating Company LLC (Enterprise), Kleinfelder West, Inc. is submitting this notice of a change in source water for hydrostatic testing of Segment 1 of Enterprise's Western Expansion Pipeline III.

Because of dropping water levels, the original proposed sources for water for testing are not likely to have sufficient water available to Enterprise for use in the hydrostatic test. In addition to the previously proposed Odie Chapman Ponds and Hill Top Well, Enterprise would like to add the following as potential sources of water for the Segment 1 hydrostatic testing:

- Bloomfield Water Supply System (Water System No. NM3510124); and
- Blanco Trading Post (36.356565, -107.811107)

Radium concentrations are as follows:

- Bloomfield Water Supply System
  - Rad-266 0.04 pci/L
  - Rad-228 0.2 pci/L
- Blanco Trading Post (Radium results pending – sample to be collected 10/11/13)

Laboratory analytical data is attached (probably in 2 emails)

Please call if you have questions.

Eileen

Eileen Shannon P.G.
Project Manager
9019 Washington NE, Building A
Albuquerque, NM 87113
o| 505.344.7373 Ext. 254
c| 505.307.0722
f| 505.344.1711

KLEINFELDER
Bright People. Right Solutions.

Green Analytical Laboratories

75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

15 July 2011

Kurt Fagrelius
Dugan Production Corporation
709 E. Murray Dr
Farmington, NM 87401

RE: Dugan Prod. Corp.

Enclosed are the results of analyses for samples received by the laboratory on 06/17/11 16:00.
If you any any further assistance, please feel free to contact me.

Sincerely,

Debbie Zufelt

Debbie Zufelt
Reports Manager

dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303
www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Commercial Well	1106110-01	Water	06/17/11 14:35	06/17/11 16:00
House Well	1106110-02	Water	06/17/11 14:45	06/17/11 16:00

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

Commercial Well

1106110-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
Dissolved Metals by ICP								
Calcium	**3.11**	1.00	mg/L	1	06/24/11	200.7		JGS
Hardness	**7.77**	6.62	mg/L	1	06/24/11	Calc		JGS
Iron	**0.152**	0.050	mg/L	1	06/24/11	200.7		JGS
Magnesium	ND	1.00	mg/L	1	06/24/11	200.7		JGS
Potassium	ND	1.00	mg/L	1	06/24/11	200.7		JGS
Sodium	**281**	1.00	mg/L	1	06/24/11	200.7		JGS
Dissolved Metals by ICPMS								
Antimony	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Arsenic	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Barium	**0.0184**	0.0005	mg/L	1	06/28/11	200.8		JGS
Beryllium	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Cadmium	ND	0.0001	mg/L	1	06/28/11	200.8		JGS
Chromium	**0.0014**	0.0010	mg/L	1	06/28/11	200.8		JGS
Copper	**0.0026**	0.0001	mg/L	1	06/28/11	200.8		JGS
Lead	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Nickel	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Selenium	ND	0.0010	mg/L	1	06/28/11	200.8		JGS
Thallium	ND	0.0001	mg/L	1	06/28/11	200.8		JGS
Dissolved Mercury								
Mercury	ND	0.0002	mg/L	1	06/30/11	245.1		JGS
General Chemistry								
Alkalinity, Bicarbonate	**220**	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Alkalinity, Carbonate	**16.0**	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Alkalinity, Total	**236**	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Chloride	ND	10.0	mg/L	1	06/27/11	4500Cl B		ABP
Conductivity	**1360**	1.00	uS/cm	1	06/23/11	2510B		ABP
Fluoride	ND	0.200	mg/L	1	07/11/11	4500F C		ABP
Nitrate/Nitrite as N	ND	0.020	mg/L	1	06/23/11	353.2		KLJ
pH	**9.12**		pH Units	1	06/23/11	150.1	H4	ABP
Sulfate	**410**	100	mg/L	1	07/12/11	4500SO4		ABP
TDS	**800**	10.0	mg/L	1	06/28/11	160.1/2540C	H2	ABP
Cation/Anion Balance	**-1.63**							

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

House Well

1106110-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
Dissolved Metals by ICP								
Calcium	**1.64**	1.00	mg/L	1	06/24/11	200.7		JGS
Hardness	ND	6.62	mg/L	1	06/24/11	Calc		JGS
Iron	ND	0.050	mg/L	1	06/24/11	200.7		JGS
Magnesium	ND	1.00	mg/L	1	06/24/11	200.7		JGS
Potassium	ND	1.00	mg/L	1	06/24/11	200.7		JGS
Sodium	**239**	1.00	mg/L	1	06/24/11	200.7		JGS
Dissolved Metals by ICPMS								
Antimony	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Arsenic	**0.0007**	0.0005	mg/L	1	06/28/11	200.8		JGS
Barium	**0.0235**	0.0005	mg/L	1	06/28/11	200.8		JGS
Beryllium	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Cadmium	ND	0.0001	mg/L	1	06/28/11	200.8		JGS
Chromium	**0.0026**	0.0010	mg/L	1	06/28/11	200.8		JGS
Copper	**0.0021**	0.0001	mg/L	1	06/28/11	200.8		JGS
Lead	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Nickel	ND	0.0005	mg/L	1	06/28/11	200.8		JGS
Selenium	ND	0.0010	mg/L	1	06/28/11	200.8		JGS
Thallium	ND	0.0001	mg/L	1	06/28/11	200.8		JGS
Dissolved Mercury								
Mercury	ND	0.0002	mg/L	1	06/30/11	245.1		JGS
General Chemistry								
Alkalinity, Bicarbonate	**316**	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Alkalinity, Carbonate	**48.0**	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Alkalinity, Total	**364**	10.0	mg/L	1	07/06/11	2320 B	H2	ABP
Chloride	ND	10.0	mg/L	1	06/27/11	4500Cl B		ABP
Conductivity	**1110**	1.00	uS/cm	1	06/23/11	2510B		ABP
Fluoride	**0.482**	0.200	mg/L	1	07/11/11	4500F C		ABP
Nitrate/Nitrite as N	ND	0.020	mg/L	1	06/23/11	353.2		KLJ
pH	**9.13**		pH Units	1	06/23/11	150.1	H4	ABP
Sulfate	**145**	50.0	mg/L	1	07/12/11	4500SO4		ABP
TDS	**580**	10.0	mg/L	1	06/28/11	160.1/2540C	H2	ABP
Cation/Anion Balance	**2.66**							

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Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

Dissolved Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B106205 - Dissolved Metals										
Blank (B106205-BLK1)				Prepared: 06/27/11 Analyzed: 06/28/11						
Antimony	ND	0.0005	mg/L							
Arsenic	ND	0.0005	mg/L							
Barium	ND	0.0005	mg/L							
Beryllium	ND	0.0005	mg/L							
Cadmium	ND	0.0001	mg/L							
Chromium	ND	0.0010	mg/L							
Copper	ND	0.0001	mg/L							
Lead	ND	0.0005	mg/L							
Nickel	ND	0.0005	mg/L							
Selenium	ND	0.0010	mg/L							
Thallium	ND	0.0001	mg/L							
LCS (B106205-BS1)				Prepared: 06/27/11 Analyzed: 06/28/11						
Antimony	0.0473	0.0005	mg/L	0.0500		94.7	85-115			
Arsenic	0.0472	0.0005	mg/L	0.0500		94.4	85-115			
Barium	0.0473	0.0005	mg/L	0.0500		94.5	85-115			
Beryllium	0.0508	0.0005	mg/L	0.0500		102	85-115			
Cadmium	0.0476	0.0001	mg/L	0.0500		95.2	85-115			
Chromium	0.0515	0.0010	mg/L	0.0500		103	85-115			
Copper	0.0522	0.0001	mg/L	0.0500		104	85-115			
Lead	0.0493	0.0005	mg/L	0.0500		98.7	85-115			
Nickel	0.0496	0.0005	mg/L	0.0500		99.1	85-115			
Selenium	0.232	0.0010	mg/L	0.250		92.8	85-115			
Thallium	0.0485	0.0001	mg/L	0.0500		96.9	85-115			
LCS Dup (B106205-BSD1)				Prepared: 06/27/11 Analyzed: 06/28/11						
Antimony	0.0482	0.0005	mg/L	0.0500		96.4	85-115	1.82	20	
Arsenic	0.0489	0.0005	mg/L	0.0500		97.7	85-115	3.50	20	
Barium	0.0475	0.0005	mg/L	0.0500		95.0	85-115	0.461	20	
Beryllium	0.0501	0.0005	mg/L	0.0500		100	85-115	1.39	20	
Cadmium	0.0490	0.0001	mg/L	0.0500		98.0	85-115	2.96	20	
Chromium	0.0489	0.0010	mg/L	0.0500		97.8	85-115	5.22	20	
Copper	0.0503	0.0001	mg/L	0.0500		101	85-115	3.63	20	
Lead	0.0492	0.0005	mg/L	0.0500		98.5	85-115	0.190	20	
Nickel	0.0497	0.0005	mg/L	0.0500		99.5	85-115	0.307	20	
Selenium	0.241	0.0010	mg/L	0.250		96.6	85-115	3.94	20	
Thallium	0.0496	0.0001	mg/L	0.0500		99.1	85-115	2.24	20	

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

Dissolved Mercury - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B106225 - EPA 245.1/7470										
Blank (B106225-BLK1)				Prepared: 06/29/11 Analyzed: 06/30/11						
Mercury	ND	0.0002	mg/L							
LCS (B106225-BS1)				Prepared: 06/29/11 Analyzed: 06/30/11						
Mercury	0.0023	0.0002	mg/L	0.00200		115	85-115			
LCS Dup (B106225-BSD1)				Prepared: 06/29/11 Analyzed: 06/30/11						
Mercury	0.0023	0.0002	mg/L	0.00200		115	85-115	0.0435	20	

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

Green Analytical Laboratories
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www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B106167 - General Prep - Wet Chem										
Blank (B106167-BLK1)				Prepared & Analyzed: 06/23/11						
Nitrate/Nitrite as N	ND	0.020	mg/L							
LCS (B106167-BS1)				Prepared & Analyzed: 06/23/11						
Nitrate/Nitrite as N	0.110	0.020	mg/L	0.100		110	85-115			
LCS Dup (B106167-BSD1)				Prepared & Analyzed: 06/23/11						
Nitrate/Nitrite as N	0.113	0.020	mg/L	0.100		113	85-115	2.69	20	
Batch B106169 - General Prep - Wet Chem										
Reference (B106169-SRM1)				Prepared & Analyzed: 06/23/11						
pH	8.73		pH Units	8.80		99.2	90-110			
Batch B106172 - General Prep - Wet Chem										
Blank (B106172-BLK1)				Prepared & Analyzed: 06/23/11						
Conductivity	ND	1.00	uS/cm							
Reference (B106172-SRM1)				Prepared & Analyzed: 06/23/11						
Conductivity	435		uS/cm	414		105	90-110			
Batch B106212 - General Prep - Wet Chem										
Blank (B106212-BLK1)				Prepared & Analyzed: 06/27/11						
Chloride	ND	10.0	mg/L							

Green Analytical Laboratories

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Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B106212 - General Prep - Wet Chem										
LCS (B106212-BS1)				Prepared & Analyzed: 06/27/11						
Chloride	99.0	10.0	mg/L	100		99.0	85-115			
LCS Dup (B106212-BSD1)				Prepared & Analyzed: 06/27/11						
Chloride	98.0	10.0	mg/L	100		98.0	85-115	1.02	20	
Batch B107004 - General Prep - Wet Chem										
Blank (B107004-BLK1)				Prepared & Analyzed: 06/28/11						
TDS	ND	10.0	mg/L							
Reference (B107004-SRM1)				Prepared & Analyzed: 06/28/11						
TDS	4090		mg/L	4030		101	85-115			
Batch B107068 - General Prep - Wet Chem										
Blank (B107068-BLK1)				Prepared & Analyzed: 07/06/11						
Alkalinity, Total	ND	10.0	mg/L							
LCS (B107068-BS1)				Prepared & Analyzed: 07/06/11						
Alkalinity, Total	98.0	10.0	mg/L	100		98.0	85-115			
LCS Dup (B107068-BSD1)				Prepared & Analyzed: 07/06/11						
Alkalinity, Total	104	10.0	mg/L	100		104	85-115	5.94	20	
Batch B107077 - General Prep - Wet Chem										
Blank (B107077-BLK1)				Prepared & Analyzed: 07/11/11						
Fluoride	ND	0.200	mg/L							

Green Analytical Laboratories

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www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B107077 - General Prep - Wet Chem										
LCS (B107077-BS1)				Prepared & Analyzed: 07/11/11						
Fluoride	1.01	0.200	mg/L	1.00		101	80-120			
LCS Dup (B107077-BSD1)				Prepared & Analyzed: 07/11/11						
Fluoride	1.01	0.200	mg/L	1.00		101	80-120	0.00	20	
Batch B107084 - General Prep - Wet Chem										
Blank (B107084-BLK1)				Prepared & Analyzed: 07/12/11						
Sulfate	ND	10.0	mg/L							
LCS (B107084-BS1)				Prepared & Analyzed: 07/12/11						
Sulfate	50.0	10.0	mg/L	50.0		100	80-120			
LCS (B107084-BS2)				Prepared & Analyzed: 07/12/11						
Sulfate	55.0	10.0	mg/L	50.0		110	80-120			

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www.GreenAnalytical.com

Dugan Production Corporation	Project: Dugan Prod. Corp.	
709 E. Murray Dr	Project Name / Number: [none]	**Reported:**
Farmington NM, 87401	Project Manager: Kurt Fagrelius	07/15/11 12:47

Notes and Definitions

H4	pH analysis perfomed more than 48 hours after sampling.
H2	Sample analysis performed past hold time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
	*Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

Green Analytical Laboratories

CHAIN OF CUSTODY RECORD

Page____ of____

Client: Dugan Prod. Corp.
Contact: Kurt Fagrelius
Address: 709 E. Murray Drive
Farmington, NM
Phone Number: 505-320-8248
FAX Number:

NOTES:
1) Ensure proper container packaging.
2) Ship samples promptly following collection.
3) Designate Sample Reject Disposition.
PO#
Project Name:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY
GAL JOB # 1106-110

Samplers Signature:

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227
Address: 75 Suttle Street, Durango, CO 81303

	Sample ID	Collection: Date	Collection: Time	Misc: Collected by: (Init.)	Misc: Matrix Type From Table 1	Misc: No. of Containers	Misc: Sample Filtered ? Y/N	Preservative(s): Unpreserved (Ice Only)	Preservative(s): HNO3	Preservative(s): HCL	Preservative(s): H2SO4	Preservative(s): NAOH	Preservative(s): Other (Specify)	Analyses Required: Package 2	Analyses Required: Package 1
01	1. Commercial	6-17-11	2:35 pm												X
	2. Well #1														
	3. Commercial	6-17-11	2:30 pm											X	
	4. Well #2														
	5.														
02	6. House Well #1	6-17-11	3:00 pm												X
	7. House Well #2	6-17-11	2:45 pm											X	
	8.														
	9.														
	10.														

per Kurt F. 6-21-11 run nitrate poured off 6-21-11 16:00
Comments
email analysis to
3.8°C

Relinquished by: Kurt Fagrelius	Date: 6-17-11	Time:	Received by: Christine Clark	Date: 6/17/11	Time: 1600
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

* Sample Reject: [ ] Return [ ] Dispose [ ] Store (30 Days)

Kfagrelius@duganproduction.com

CHAIN OF CUSTODY RECORD

Page____ of ____

Client: Dugan Prod. Corp.
Contact: Kurt Fagrelius
Address: 709 E. Murray Drive
Farmington, NM
Phone Number: 505-320-8248
FAX Number:

NOTES:
1) Ensure proper container packaging.
2) Ship samples promptly following collection.
3) Designate Sample Reject Disposition.
PO#
Project Name:

Table 1. – Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY
GAL JOB #

Samplers Signature:

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227
Address: 75 Suttle Street, Durango, CO 81303

Sample ID	Collection		Miscellaneous				Preservative(s)						Analyses Required										Comments
	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)	Per Kaye 2		Per Kaye 1								
1. Commercial	6-17-11	2:35 pm													X								
2. Well #1																							
3. Commercial	6-17-11	2:30 pm											X										
4. Well #2																							
5.																							
6. House Well #1	6-17-11	3:00 pm													X								
7. House Well #2	6-17-11	2:45 pm											X										
8.																							
9.																							
10.																							

Relinquished by: Kurt Fagrelius	Date: 6-17-11	Time:	Received by: Kristen Farh	Date: 6/17/11	Time: 1600
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

* Sample Reject: [ ] Return [ ] Dispose [ ] Store (30 Days)

Kfagrelius@duganproduction.com

Jones, Brad A., EMNRD

From: Eileen Shannon <EShannon@kleinfelder.com>
Sent: Thursday, October 10, 2013 3:45 PM
To: Jones, Brad A., EMNRD
Cc: jagwhite@eprod. com (jagwhite@eprod.com); Runell Seale (RSeale@eprod.com); Theresa Ancell; Luke Davis (luke1d@msn.com)
Subject: RE: WEP III - Seg 1 additional water source 2nd of 2 emails
Attachments: Bloomfield WS System.pdf

Drinking Water Branch

Chem/Rad Sample Results

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Chem/Rad Samples

Water System Detail

Water Systems

Water System Search

County Map

Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	1309259-001B	**Collection Date :**	09-04-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1927	ALKALINITY, TOTAL	2320B	N	MRL	20 MG/L	82.00 MG/L	09-01-2013	09-30-2013

Total Number of Records Fetched = 1

Drinking Water Branch

Chem/Rad Sample Results

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Water System Detail

Water Systems

Water System Search

County Map

Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	1309258-001A	**Collection Date :**	09-04-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
2920	CARBON, TOTAL	5310B	N	MRL	1 MG/L	4.8 MG/L	09-01-2013	09-30-2013

Total Number of Records Fetched = 1

Drinking Water Branch

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Water System Detail

Water Systems

Water System Search

County Map

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	1308479-001A	**Collection Date :**	08-06-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
2941	CHLOROFORM	524.2	N	MRL	25 UG/L	50.8 UG/L		
2942	BROMOFORM	524.2	Y	MRL	5 UG/L			
2943	BROMODICHLOROMETHANE	524.2	N	MRL	5 UG/L	8.94 UG/L		
2944	DIBROMOCHLOROMETHANE	524.2	Y	MRL	5 UG/L			
2950	TTHM	524.2	N	MRL	0 UG/L	59.7 UG/L	07-01-2013	09-30-2013

Glossary

Total Number of Records Fetched = 5

Drinking Water Branch

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Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	1308888-001A	**Collection Date :**	08-14-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1022	COPPER, FREE	200.8	N	MRL	.001 MG/L	0.0068 MG/L	01-01-2011	12-31-2013
1030	LEAD	200.8	Y	MRL	.001 MG/L		01-01-2011	12-31-2013

Total Number of Records Fetched = 2

Drinking Water Branch

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Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	2013031284	**Collection Date :**	09-09-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1024	CYANIDE	10-204-00-1X	Y	MRL	.005 MG/L		01-01-2013	12-31-2013

Total Number of Records Fetched = 1

Drinking Water Branch

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Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	2013031289	**Collection Date :**	09-09-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1025	FLUORIDE	4500F-C	N	MRL	.1 MG/L	0.23 MG/L	01-01-2013	12-31-2013

Total Number of Records Fetched = 1

Drinking Water Branch

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Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	2012028418	**Collection Date :**	08-09-2012

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1005	ARSENIC	200.8	Y	MRL	.001 MG/L		01-01-2012	12-31-2012
1010	BARIUM	200.8	Y	MRL	.1 MG/L		01-01-2012	12-31-2012
1015	CADMIUM	200.8	Y	MRL	.001 MG/L		01-01-2012	12-31-2012
1020	CHROMIUM	200.8	Y	MRL	.001 MG/L		01-01-2012	12-31-2012
1035	MERCURY	245.1	Y	MRL	.0002 MG/L		01-01-2012	12-31-2012
1036	NICKEL	200.8	Y	MRL	.01 MG/L		01-01-2012	12-31-2012
1045	SELENIUM	200.9	Y	MRL	.005 MG/L		01-01-2012	12-31-2012
1074	ANTIMONY, TOTAL	200.8	Y	MRL	.001 MG/L		01-01-2012	12-31-2012
1075	BERYLLIUM, TOTAL	200.8	Y	MRL	.001 MG/L		01-01-2012	12-31-2012
1085	THALLIUM, TOTAL	200.8	Y	MRL	.001 MG/L		01-01-2012	12-31-2012

Total Number of Records Fetched = 10

Drinking Water Branch

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Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	2013031299	**Collection Date :**	09-09-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1038	NITRATE-NITRITE	353.2	Y	MRL	.1 MG/L		01-01-2013	12-31-2013

Total Number of Records Fetched = 1

Drinking Water Branch

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Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	WC201103274	**Collection Date :**	11-07-2011

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1026	BICARBONATE AS HCO3	SM 4500H+ B	N	MRL	3 MG/L	93.7 MG/L		
1925	PH	SM 4500H+ B	N	MRL	0 PH	7.69 PH		
1927	ALKALINITY, TOTAL	2320B	N	MRL	2.5 MG/L	76.8 MG/L	11-01-2011	11-30-2011
1929	ALKALINITY, CARBONATE	SM 4500H+ B	N	MRL	0 MG/L	0.0 MG/L		

Total Number of Records Fetched = 4

Drinking Water Branch

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Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	RC200400497	**Collection Date :**	11-17-2004

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
4000	GROSS ALPHA, EXCL. RADON & U	900	N		1.1 PCI/L	2.7 PCI/L		
4006	COMBINED URANIUM	200.8	N		1 UG/L	2 UG/L		
4009	URANIUM-238	200.8	N		1 UG/L	2 UG/L		
4010	COMBINED RADIUM (-226 & -228)	null	null		null null	0.2 PCI/L		
4020	RADIUM-226	903.1	N		.02 PCI/L	.04 PCI/L		
4030	RADIUM-228	904.0	N		.3 PCI/L	.2 PCI/L		
4100	GROSS BETA PARTICLE ACTIVITY	900	N		1 PCI/L	3.2 PCI/L		
4109	GROSS ALPHA PARTICLE ACTIVITY	900	N	MRL	1.1 PCI/L	2.7 PCI/L		

Total Number of Records Fetched = 8

Drinking Water Branch

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Chem/Rad Samples

Analyte List

Water System Detail

Water Systems

Water System Search

County Map

Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	WC970622	**Collection Date :**	02-25-1997

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1055	SULFATE	300.0	N		0 null	47 MG/L		

Total Number of Records Fetched = 1

Drinking Water Branch

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Return Links

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Analyte List

Water System Detail

Water Systems

Water System Search

County Map

Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	2012028402	**Collection Date :**	08-09-2012

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
2005	ENDRIN	525.2	Y	MRL	.02 UG/L		01-01-2011	12-31-2013
2010	BHC-GAMMA	525.2	Y	MRL	.08 UG/L		01-01-2011	12-31-2013
2015	METHOXYCHLOR	525.2	Y	MRL	.09 UG/L		01-01-2011	12-31-2013
2020	TOXAPHENE	508.1	Y	MRL	.072 UG/L		01-01-2011	12-31-2013
2031	DALAPON	515.4	Y	MRL	.22 UG/L		01-01-2011	12-31-2013
2032	DIQUAT	549.2	Y	MRL	.32 UG/L		01-01-2011	12-31-2013
2033	ENDOTHALL	548.1	Y	MRL	12.5 UG/L		01-01-2011	12-31-2013
2034	GLYPHOSATE	547	Y	MRL	4.7 UG/L		01-01-2011	12-31-2013
2035	DI(2-ETHYLHEXYL) ADIPATE	525.2	Y	MRL	.12 UG/L		01-01-2011	12-31-2013
2036	OXAMYL	531.2	Y	MRL	.6 UG/L		01-01-2011	12-31-2013
2037	SIMAZINE	525.2	Y	MRL	.08 UG/L		01-01-2011	12-31-2013
2039	DI(2-ETHYLHEXYL) PHTHALATE	525.2	Y	MRL	.11 UG/L		01-01-2011	12-31-2013
2040	PICLORAM	515.4	Y	MRL	.11 UG/L		01-01-2011	12-31-2013
2041	DINOSEB	515.4	Y	MRL	.29 UG/L		01-01-2011	12-31-2013
2042	HEXACHLOROCYCLOPENTADIENE	525.2	Y	MRL	.02 UG/L		01-01-2011	12-31-2013
2046	CARBOFURAN	531.2	Y	MRL	.7 UG/L		01-01-2011	12-31-2013
2050	ATRAZINE	525.2	Y	MRL	.05 UG/L		01-01-2011	12-31-2013
2051	LASSO	525.2	Y	MRL	.04 UG/L		01-01-2011	12-31-2013
2065	HEPTACHLOR	525.2	Y	MRL	.06 UG/L		01-01-2011	12-31-2013
2067	HEPTACHLOR EPOXIDE	525.2	Y	MRL	.04 UG/L		01-01-2011	12-31-2013
2105	2,4-D	515.4	Y	MRL	.19 UG/L		01-01-2011	12-31-2013
2110	2,4,5-TP	515.4	Y	MRL	.05 UG/L		01-01-2011	12-31-2013
2274	HEXACHLOROBENZENE	525.2	Y	MRL	.02 UG/L		01-01-2011	12-31-2013
2306	BENZO(A)PYRENE	525.2	Y	MRL	.02 UG/L		01-01-2011	12-31-2013
2326	PENTACHLOROPHENOL	515.4	Y	MRL	.02 UG/L		01-01-2011	12-31-2013
2383	TOTAL POLYCHLORINATED BIPHENYLS (PCB)	508.1	Y	MRL	.004 UG/L		01-01-2011	12-31-2013
2931	1,2-DIBROMO-3-CHLOROPROPANE	504.1	Y	MRL	.004 UG/L		01-01-2011	12-31-2013
2946	ETHYLENE DIBROMIDE	504.1	Y	MRL	.004 UG/L		01-01-2011	12-31-2013
2959	CHLORDANE	508.1	Y	MRL	.003 UG/L		01-01-2011	12-31-2013

Total Number of Records Fetched = 29

Drinking Water Branch

Chem/Rad Sample Results

Return Links

Chem/Rad Samples

Analyte List

Water System Detail

Water Systems

Water System Search

County Map

Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	OR200600676	**Collection Date :**	04-12-2006

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
2030	P-ISOPROPYLTOLUENE	524.2	Y	MRL	.071 UG/L	null		
2210	CHLOROMETHANE	524.2	Y	MRL	.351 UG/L	null		
2212	DICHLORODIFLUOROMETHANE	524.2	Y	MRL	.269 UG/L	null		
2214	BROMOMETHANE	524.2	Y	MRL	.494 UG/L	null		
2216	CHLOROETHANE	524.2	Y	MRL	.342 UG/L	null		
2218	TRICHLOROFLUOROMETHANE	524.2	Y	MRL	.126 UG/L	null		
2224	TRANS-1,3-DICHLOROPROPENE	null	Y	MRL	.096 UG/L	null		
2246	HEXACHLOROBUTADIENE	524.2	Y	MRL	.129 UG/L	null		
2247	METHYL ETHYL KETONE	null	N		0 null	1.3 UG/L		
2248	NAPHTHALENE	524.2	Y	MRL	.162 UG/L	null		
2251	METHYL TERT-BUTYL ETHER	null	Y	MRL	.102 UG/L	null		
2254	NITROBENZENE	null	Y	MRL	3.299 UG/L	null		
2263	TETRAHYDROFURAN	null	Y	MRL	1.153 UG/L	null		
2378	1,2,4-TRICHLOROBENZENE	524.2	Y	MRL	.133 UG/L	null	01-01-2006	12-31-2006
2380	CIS-1,2-DICHLOROETHYLENE	524.2	Y	MRL	.103 UG/L	null	01-01-2006	12-31-2006
2408	DIBROMOMETHANE	524.2	Y	MRL	.111 UG/L	null		
2410	1,1-DICHLOROPROPENE	524.2	Y	MRL	.108 UG/L	null		
2412	1,3-DICHLOROPROPANE	524.2	Y	MRL	.054 UG/L	null		
2413	1,3-DICHLOROPROPENE	524.2	Y	MRL	.079 UG/L	null		
2414	1,2,3-TRICHLOROPROPANE	524.2	Y	MRL	.085 UG/L	null		
2416	2,2-DICHLOROPROPANE	524.2	Y	MRL	.332 UG/L	null		
2418	1,2,4-TRIMETHYLBENZENE	524.2	Y	MRL	.06 UG/L	null		
2420	1,2,3-TRICHLOROBENZENE	524.2	Y	MRL	.117 UG/L	null		
2422	N-BUTYLBENZENE	524.2	Y	MRL	.122 UG/L	null		
2424	1,3,5-TRIMETHYLBENZENE	524.2	Y	MRL	.058 UG/L	null		
2426	TERT-BUTYLBENZENE	524.2	Y	MRL	.056 UG/L	null		
2428	SEC-BUTYLBENZENE	524.2	Y	MRL	.073 UG/L	null		
2430	BROMOCHLOROMETHANE	524.2	Y	MRL	.118 UG/L	null		
2931	1,2-DIBROMO-3-CHLOROPROPANE	null	Y	MRL	.143 UG/L	null		
2941	CHLOROFORM	524.2	N		0 null	27 UG/L		
2942	BROMOFORM	524.2	Y	MRL	.071 UG/L	null		
2943	BROMODICHLOROMETHANE	524.2	N		0 null	5.74 UG/L		
2944	DIBROMOCHLOROMETHANE	524.2	N		0 null	0.41 UG/L		
2946	ETHYLENE DIBROMIDE	null	Y	MRL	.054 UG/L	null		
2950	TTHM	524.2	N		0 null	33 UG/L		
2955	XYLENES, TOTAL	524.2	N		0 null	0 UG/L	01-01-2006	12-31-2006

2964	DICHLOROMETHANE	524.2	Y	MRL	.405 UG/L	null	01-01-2006	12-31-2006
2965	O-CHLOROTOLUENE	524.2	Y	MRL	.054 UG/L	null		
2966	P-CHLOROTOLUENE	524.2	Y	MRL	.138 UG/L	null		
2967	M-DICHLOROBENZENE	524.2	Y	MRL	.079 UG/L	null		
2968	O-DICHLOROBENZENE	524.2	Y	MRL	.071 UG/L	null	01-01-2006	12-31-2006
2969	P-DICHLOROBENZENE	524.2	Y	MRL	.077 UG/L	null	01-01-2006	12-31-2006
2976	VINYL CHLORIDE	524.2	Y	MRL	.221 UG/L	null	01-01-2006	12-31-2006
2977	1,1-DICHLOROETHYLENE	524.2	Y	MRL	.121 UG/L	null	01-01-2006	12-31-2006
2978	1,1-DICHLOROETHANE	524.2	Y	MRL	.119 UG/L	null		
2979	TRANS-1,2-DICHLOROETHYLENE	524.2	Y	MRL	.095 UG/L	null	01-01-2006	12-31-2006
2980	1,2-DICHLOROETHANE	524.2	Y	MRL	.093 UG/L	null	01-01-2006	12-31-2006
2981	1,1,1-TRICHLOROETHANE	524.2	Y	MRL	.115 UG/L	null	01-01-2006	12-31-2006
2982	CARBON TETRACHLORIDE	524.2	Y	MRL	.143 UG/L	null	01-01-2006	12-31-2006
2983	1,2-DICHLOROPROPANE	524.2	Y	MRL	.098 UG/L	null	01-01-2006	12-31-2006
2984	TRICHLOROETHYLENE	524.2	Y	MRL	.113 UG/L	null	01-01-2006	12-31-2006
2985	1,1,2-TRICHLOROETHANE	524.2	Y	MRL	.056 UG/L	null	01-01-2006	12-31-2006
2986	1,1,1,2-TETRACHLOROETHANE	524.2	Y	MRL	.057 UG/L	null		
2987	TETRACHLOROETHYLENE	524.2	Y	MRL	.073 UG/L	null	01-01-2006	12-31-2006
2988	1,1,2,2-TETRACHLOROETHANE	524.2	Y	MRL	.069 UG/L	null		
2989	CHLOROBENZENE	524.2	Y	MRL	.05 UG/L	null	01-01-2006	12-31-2006
2990	BENZENE	524.2	Y	MRL	.098 UG/L	null	01-01-2006	12-31-2006
2991	TOLUENE	524.2	Y	MRL	.055 UG/L	null	01-01-2006	12-31-2006
2992	ETHYLBENZENE	524.2	Y	MRL	.052 UG/L	null	01-01-2006	12-31-2006
2993	BROMOBENZENE	524.2	Y	MRL	.067 UG/L	null		
2994	ISOPROPYLBENZENE	524.2	Y	MRL	.059 UG/L	null		
2995	M-XYLENE	524.2	Y	MRL	.112 UG/L	null		
2996	STYRENE	524.2	Y	MRL	.056 UG/L	null	01-01-2006	12-31-2006
2997	O-XYLENE	524.2	Y	MRL	.052 UG/L	null		
2998	N-PROPYLBENZENE	524.2	Y	MRL	.08 UG/L	null		

Total Number of Records Fetched = 65

Drinking Water Branch

Chem/Rad Sample Results

Return Links

Chem/Rad Samples

Water System Detail

Water Systems

Water System Search

County Map

Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	2013031309	**Collection Date :**	09-09-2013

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
2378	1,2,4-TRICHLOROBENZENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2380	CIS-1,2-DICHLOROETHYLENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2955	XYLENES, TOTAL	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2964	DICHLOROMETHANE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2968	O-DICHLOROBENZENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2969	P-DICHLOROBENZENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2976	VINYL CHLORIDE	524.2	Y	MRL	.2 UG/L		01-01-2013	12-31-2013
2977	1,1-DICHLOROETHYLENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2979	TRANS-1,2-DICHLOROETHYLENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2980	1,2-DICHLOROETHANE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2981	1,1,1-TRICHLOROETHANE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2982	CARBON TETRACHLORIDE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2983	1,2-DICHLOROPROPANE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2984	TRICHLOROETHYLENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2985	1,1,2-TRICHLOROETHANE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2987	TETRACHLOROETHYLENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2989	CHLOROBENZENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2990	BENZENE	524.2	Y	MRL	.3 UG/L		01-01-2013	12-31-2013
2991	TOLUENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2992	ETHYLBENZENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013
2996	STYRENE	524.2	Y	MRL	.1 UG/L		01-01-2013	12-31-2013

Total Number of Records Fetched = 21

Drinking Water Branch

Chem/Rad Sample Results

Return Links

Chem/Rad Samples

Analyte List

Water System Detail

Water Systems

Water System Search

County Map

Glossary

Water System No. :	NM3510124	**Federal Type :**	C
Water System Name :	BLOOMFIELD WATER SUPPLY SYSTEM	**State Type :**	C
Principal County Served :	SAN JUAN	**Primary Source :**	SW
Status :	A	**Activity Date :**	06-01-1977
Lab Sample No. :	0911270-02A	**Collection Date :**	11-09-2009

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE <> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1005	ARSENIC	200.8	Y	MRL	.001 MG/L		01-01-2009	12-31-2009
1010	BARIUM	200.7	N	MRL	.002 MG/L	0.068 MG/L	01-01-2009	12-31-2009
1015	CADMIUM	200.7	Y	MRL	.002 MG/L		01-01-2009	12-31-2009
1020	CHROMIUM	200.7	Y	MRL	.006 MG/L		01-01-2009	12-31-2009
1035	MERCURY	245.1	Y	MRL	.0002 MG/L		01-01-2009	12-31-2009
1036	NICKEL	200.7	Y	MRL	.01 MG/L		01-01-2009	12-31-2009
1045	SELENIUM	200.8	Y	MRL	.001 MG/L		01-01-2009	12-31-2009
1052	SODIUM	200.7	N	MRL	1 MG/L	13.00 MG/L		
1074	ANTIMONY, TOTAL	200.8	Y	MRL	.001 MG/L		01-01-2009	12-31-2009
1075	BERYLLIUM, TOTAL	200.7	Y	MRL	.002 MG/L		01-01-2009	12-31-2009
1085	THALLIUM, TOTAL	200.8	Y	MRL	.001 MG/L		01-01-2009	12-31-2009
1095	ZINC	200.7	Y	MRL	.01 MG/L			

Total Number of Records Fetched = 12

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division

September 17, 2013

Ms. Shiver Nolan
Enterprise Products Operating LLC
P.O. Box 4324
Houston, Texas 77210

Re: Hydrostatic Test Discharge Permit
Permit: HIP-123
Enterprise Products Operating, LLC
Western Expansion Pipeline III, Segment 1
Locations: Unit H of Section 7, Township 24 North, Range 9 West, NMPM, San Juan County, New Mexico

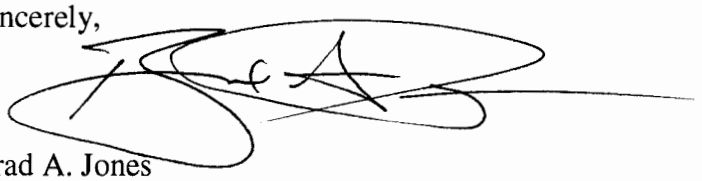
Dear Ms. Nolan:

The Oil Conservation Division (OCD) has received Enterprise Products Operating LLC's (Enterprise) notice of intent, dated September 12, 2013 and received by OCD on September 16, 2013, for authorization to discharge approximately 675,000 gallons of wastewater generated from a hydrostatic test of a new 16-inch diameter natural gas gathering system transmission pipeline approximately 45.3 miles (239,184 feet) long, located approximately 28 miles southeast of Bloomfield, New Mexico. The proposed discharge/collection /retention location is within Enterprise's pipeline easement right-of-way, located within Unit H of Section 7, Township 24 North, Range 9 West, NMPM, San Juan County, New Mexico. The submittal provided the required information in order to deem the application "administratively" complete. OCD approves the Farmington Daily Times as the newspaper of general circulation for the published notice and the discharge and/or collection location (within Enterprise's pipeline easement right-of-way) and the post office in Bloomfield, New Mexico as proposed posting locations.

Therefore, the July 2006 New Mexico Water Quality Control Commission (WQCC) regulations notice requirements (20.6.2.3108 NMAC) must be satisfied and demonstrated to the OCD. The hydrostatic test discharge event shall not be initiated until Enterprise's and OCD's notice periods pass, the permit is issued, and the additional permit fee is paid, if applicable.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,



Brad A. Jones
Environmental Engineer

BAJ/baj

cc: OCD District III Office, Aztec
Mr. James White, Enterprise Products Operating, LLC, Houston, TX 77210-4324
Ms. Runell Seale, Enterprise Products Operating, LLC, Farmington, NM 87401

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of Check No. 689544 dated 8/9/13

or cash received on 9/16/13 in the amount of $ 700.00

from KLEINFELDER WEST, INC.

for HIP 123

Submitted by: BRAD JONES Date: 9/17/13

Submitted to ASD by: LUPE SHERMAN Date: 9/17/13

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility: _____ Renewal: _____

Modification _____ Other ✓ GENERAL PERMIT FEE

Organization Code 521.07 Applicable FY 14

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

NEW MEXICO ENVIRONMENT DEPARTMENT - ALBUQUERQUE FIELD OFFICE DAILY CHECK RECEIPT LOG

DATE RECEIVED	WALK-IN	MAIL	NAME ON CHECK	DATE OF CHECK	CHECK/MONEY ORDER#	PROGRAM ACCOUNT CODE	AMOUNT OF CHECK	DATE DEPOSITED	DEPOSITED BY:
9/16/13		✓	KLEINFELDER, INC.	8/9/13	689544		$700.00		
TOTAL							$700.00		

REVENUE TRANSMITTAL SHEET

Description	Fund	Dept.	Share Acct	Sub Acct	Amount
Liquid Waste	34000	Z3200	496402		
Water Recreation Facilities	40000	Z8501	496402		
Food Permit Fees	99100	Z2600	496402		
OTHER	34100	232900		23290200	

Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

September 12, 2013

VIA Fed Ex

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Dear Mr. Jones:

RE: Enterprise Products Operating LLC
Submittal of Notice of Intent to Discharge Hydrostatic Test Water
Western Expansion Pipeline III, Segment 1
San Juan County, New Mexico

Enterprise Products Operating LLC (Enterprise) will be constructing Segment 1 of the Western Expansion Pipeline III as an expansion to their natural gas gathering system. Please find enclosed an application for authorization to discharge hydrostatic test water following hydrostatic testing of the new pipeline. The enclosed application includes the requested revisions to the unofficial drafts that you reviewed.

Thank you for your assistance with this request. If you have any questions or require additional information, please feel free to call Enterprise's environmental consultant, Ms. Eileen Shannon, 505.307.0722, or myself at 713.392.2458.

Sincerely,

James G. White
Sr. Environmental Scientist

cc: Runell Seale, Enterprise
Shiver Nolan, Enterprise

P.O. BOX 4324
HOUSTON, TEXAS 77210-4324
713.381.6500

1100 LOUISIANA STREET
HOUSTON, TEXAS 77002-5227
www.enterpriseproducts.com

KLEINFELDER
Bright People. Right Solutions.

TRANSMITTAL

To: Enterprise Products Operating LLC
1100 Louisiana St. Room 13.61
Attn: Ms. Shiver Nolan
Houston TX 77002
713.381.6595

Date: 9/11/2013
Reference No: 134288
Copies to: Jimmy White
(email of transmittal)

Subject: WEP III – Segment 1 Notice of Intent (134288.3-ALB13RP002)

We are sending the following: ☒ **Attached** ☐ **Under separate cover**

- 1 Notice of Intent for Discharge >25K gallons Revision 0

Instructions Submit the following to:

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Via:
- ☐ Messenger/Courier
- ☐ First Class Mail
- ☒ FedEx

Transmitted:
- ☒ As Requested
- ☐ For Approval
- ☐ For Your Use
- ☐ For Review & Comment

Please note:

Hard copy will follow FedEx overnight (9/11/2013).

By: Eileen Shannon
Project Manager

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

KLEINFELDER
Bright People. Right Solutions.

September 12, 2013
Project No.: 134288

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Subject: Submittal of a Notice of Intent to Perform Hydrostatic Test
Segment 1
San Juan County, New Mexico

Dear Mr. Jones:

On behalf of Enterprise Products Operating Company LLC (Enterprise), Kleinfelder West, Inc. (Kleinfelder) is submitting this Notice of Intent (NOI) for a hydrostatic test to be conducted on Segment 1 of Enterprise's Western Expansion Pipeline III (WEP III).

Kleinfelder has included the required information for the NOI as stated in the "Guidelines for Hydrostatic Test Dewatering" dated January 11, 2007. Attached to this NOI are the following:

- Background Information;
- Notice of Intent Plan;
- Figure 1 – New Enterprise Pipeline Undergoing Hydrostatic Testing;
- Figure 2 – Discharge Location Detail;
- Figure 3 – Dissipation and Discharge Area;
- Appendix A – Certification of Siting Criteria;
- Appendix B – Water Feature, Water Well Information and Floodplain information;
- Appendix C – Area Mine Information;
- Appendix D – Geology;
- Appendix E – Area Landownership;
- Appendix F – Public Notice;
- Appendix G – Electro-Coagulation Process Information; and
- Appendix H – Odie Chapman Ponds/Hill Top Well Analytical Data.

A check totaling $700 made out to the New Mexico Water Quality Management Fund is included with this NOI for the $100 filing fee and the $600 permit fee.

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

Kleinfelder prepared this NOI in a manner consistent with the level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. The information provided in this document is based on our understanding of the information provided by Enterprise.

Should you have any questions, please feel free to contact Eileen Shannon (Kleinfelder) at 505.344.7373 or Jimmy White (Enterprise) at 713.381.1785.

Respectfully submitted,

KLEINFELDER WEST, INC.

Melissa Cote
Professional

Reviewed by:

Eileen L. Shannon, PG
Project Manager

cc: James White, Enterprise Products Operating LLC, PO Box 4324, Houston, TX 77210

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

Background Information

- The U.S. Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Because the pipeline is part of a natural gas gathering system, waste water generated during hydrostatic testing is classified as RCRA-exempt waste water and does not require management as a RCRA waste or disposal at a RCRA-approved facility;
- The Enterprise Western Expansion Pipeline (WEP) III line is a new, welded, steel 16-inch diameter line. The section to be hydrostatically tested, Segment 1 of the WEP III pipeline, is 45.3 miles or 239,184 feet long (Figure 1);
- The pipeline is part of a gathering system that transports natural gas from the Piceance and San Juan Basins to processing facilities located in Hobbs, New Mexico and Houston, Texas;
- The source water for the hydrostatic testing is:
    - Turtle Mountain from spring-fed Odie Chapman Ponds #1 and #2 (36.268826°, -107.633543°); and
    - Hilltop well (36.544845°, -107.973076°), if needed (should insufficient Turtle Mountain water be available).
- Placement of water will be into the pipeline at approximately MP 376.3 (Figure 1) on approximately October 22, 2013. Hydrostatic testing of various sections of the Segment 1 will be conducted. Once a section is tested, the water will be held in that section until the next section of the pipeline is completed. The water will then be moved to the next section of the pipe and hydrostatic testing will occur. The sequence of testing is:
    - MP 370.4 to 376.3
    - MP 376.3 to 389.8
    - MP 389.8 to 400.7
    - MP 400.7 to 409.7
    - MP 409.7 to 411.9
    - MP 411.9 to 415.7
- After the final section is tested, water will be pushed back through the pipeline and discharged at location MP 389.8. The approximate date of discharge to the pipeline ROW is on or about November 1, 2013;
- Per NMAC 20.6.2.3108, a sample of the public notice is included in Appendix F; and
- Per NMAC 20.6.2.3108, public notice will be made in English by the following methods:
    1. A 2 feet by 3 feet in size sign will be posted at the discharge location;
    2. Written notice will be posted at the Bloomfield, New Mexico post office;
    3. Written notice of the discharge by mail to owners of record of all properties adjacent to the property where the discharge site is located;

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4. The notice will be sent by certified mail, return receipt requested, to the owner of the discharge site; and
5. A synopsis of the notice will be published in a display ad at least three inches by four inches in size in *The Daily Times* newspaper. Public notice is published every day, and the paper requires the information four to five days prior to publication.

Notice of Intent Plan

On behalf of Enterprise, Kleinfelder is submitting this NOI plan as outlined in NMOCD Guidance document, "Guidelines for Hydrostatic Test Dewatering," (revised January 11, 2007). The NOI plan includes the following items:

Item a. Name and address of the proposed discharger:

Legally Responsible Party	Mr. Leonard W. Mallett, Group Sr. VP, Engineering POC: Ms. Shiver Nolan, Sr. Compliance Administrator P.O. Box 4324 Houston, Texas 77210 713-381-6595
Local Representative	Ms. Runell Seale Enterprise Products Operating LLC 614 Reilly Ave. Farmington, NM 87401 505-599-2124

Item b. Location of the discharge, including a street address, if available, and sufficient information to locate the facility with respect to surrounding landmarks:

The segment of the pipeline to be tested is located in San Juan and Sandoval Counties. Water from the hydrostatic testing will be discharged to the ground in the 125-foot right-of-way at the central portion of WEP III Segment 1 at MP 389.8. The discharge area is approximately 125 feet wide by 200 long, or approximately 25,000 square feet in size. The location of the pipeline to be hydrostatically tested and the proposed discharge location are shown in Figures 1 and 2.

The location of the hydrostatic discharge area is located approximately 28 miles southeast of Bloomfield, New Mexico. Directions to the discharge site from Bloomfield, New Mexico are:

- From the intersection of W Broadway Ave and US-550 in Bloomfield, New Mexico, head south on US-550 for 28.2 miles;
- Turn right onto NM-57 for 2.3 miles;
- Turn left (unnamed road) towards CR 7776 for 1.2 miles; and
- Discharge site be on the right side of the road.

The approximate coordinates for the discharge area location are: Latitude 36.331288; Longitude -107.822324.

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Item c. Legal description of the discharge location:

The discharge location is located:

- In the SE/4; NE/4; Section 7, T24N, R9W (Figure 1).
- The latitude and longitude coordinates are provided in *item b.*

Item d. Maps (site-specific and regional) indicating the location of the pipelines to be tested:

- Figure 1 – Regional map showing topography, the pipeline section undergoing testing, and the hydrostatic test water discharge location.
- Figure 2 – Site-specific map showing the hydrostatic test water discharge area.

Item e. A demonstration of compliance to the following siting criteria or justification for any exceptions:

Shapefiles were downloaded from various electronic sources and were included in a Geographic Information System (GIS) database for preparation of this NOI. The maps generated from this database were reviewed between June 24 and July 1, 2013. Detailed references for the various shape files are included in the Reference section. Sources used for preparation of the maps in this NOI are included on the individual figures.

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake;

No watercourses, lakebeds, sinkholes, or playa lakes were observed within 200 feet of the discharge area during the site visit (Appendix A). A search of watercourses, lakebeds, sinkholes, and playa lakes in the vicinity of the discharge area was completed by reviewing a topographic map and using the GIS database. None were indicated during the review. A copy of the site-specific topographic map is included in Appendix B, Figure B-1.

ii. Within an existing wellhead protection area or 100-year floodplain;

No springs were identified on the topographic map within 1,000 feet of the discharge area (Figure B-1, Appendix B) nor were they observed during the site inspection (Appendix A). No water supply wells are located within 1,000 feet of the discharge area. The New Mexico Office of the State Engineer (OSE) website was checked for water supply wells located in the vicinity of the site. Based on data obtained from the OSE and Go-Tech websites, accessed on June 24, 2013, two wells are located approximately 0.83 miles to the northwest (SJ 01255 and SJ 0179 S), and one well (SJ 01242) is located 0.45 miles to the southwest of the proposed discharge area, respectively (Figure B-2, Appendix B).

According to the Federal Emergency Management Administration (FEMA) DFIRM Panel 35045C2075F map, the discharge area is not located within a 100-year floodplain. The discharge and surrounding areas are located in Zone X (Figure B-3, Appendix B).

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iii. Within, or within 500 feet of, a wetland;

Wetlands were not observed in or within 500 feet of the perimeter of the discharge area (Figure B-1, Appendix B) and none were observed during the site inspection (Appendix A).

iv. Within the area overlying a subsurface mine; or

A map generated from the New Mexico Mining and Minerals Division GIS database was reviewed for active mines. No active mines were noted at or in the vicinity of the proposed discharge area (Figure C-1 in Appendix C). Mr. Mike Tompson, with the New Mexico Abandoned Mine Lands Program, was contacted on June 24, 2013 to assess the presence of abandoned subsurface mines in the vicinity of the proposed discharge area. According to Mr. Tompson, no record of abandoned subsurface mines were noted within a half mile radius of the proposed discharge site were found (see email, Appendix C).

v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.

No permanent residences, school, hospital, institution or church were noted on aerial photographs of the area (Figure 2), nor were they noted during the site visit (Appendix A).

Item f. A brief description of the activities that produce the discharge;

Pressure testing with water, also known as hydrostatic testing, is one of the tools pipeline operators use to verify pipeline integrity. The purpose of hydrostatic testing of a pipeline is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. Because this is new piping, previous contents of the pipe do not need to be cleared. Source water will be introduced into the pipeline and then the pipeline will be pressurized to a pressure higher than the standard operating pressure for approximately eight hours. If leaks or breaks occur, the pipeline is repaired or the affected piping is replaced, and then re-tested. Once the test is complete, the water will be discharged from the pipeline into the dissipation and discharge system.

Item g. The method and location for collection and retention of fluids and solids;

Because the piping is new, solids are not anticipated to be produced as a result of the hydrostatic testing. Once the hydrostatic testing has been, the water will be tested for water quality as described in *item j*. Once approval to discharge has been received, the test water will be allowed to flow from the pipeline onto the approximately 25,000 square feet of the right-of-way.

Item h. A brief description of best management practices to be implemented to contain the discharge onsite and to control erosion;

Non-woven geotextile fabric will be installed beneath the dissipation structure to prevent scouring. Hay bales will be used to control erosion as the water is discharged from the pipeline at a rate of approximately 1,500 gallons per minute (gpm) into the hydrostatic waste water dissipation and discharge system. A connector pipe is attached to the end of the pipeline and to a baffle "T" located within the dissipation structure. Pipeline water will gradually be released and allowed to flow onto the area described in *item g*. The dissipation and discharge structure

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will be built to maintain the proper flow rate to avoid scouring the landscape. A diagram of the hydrostatic waste water dissipation and discharge system is shown in Figure 3.

Item i. A request for approval of an alternative treatment, use, and/or discharge location (other than the original discharge site), if necessary;

No alternate use or discharge location is proposed.

If hydrostatic test water analytical results exceed the greater of the standards of NMAC 20.6.2.3103 for discharge, the test water will be treated using an electro-coagulation cleaning process and a separate filtering system. This process is described in Appendix G.

After the electro-coagulation process is completed, the water will be tested again as described in Appendix G. If it does still not meet the greater of standards of NMAC 20.6.2.3103, the water will be hauled and disposed of as described in *item k*.

Item j. A proposed hydrostatic test wastewater sampling plan;

Enterprise requests that it not be required to test for Radium 226/228. Analytical results (in pCi/L) for the proposed source locations are summarized below:

- Odie Chapman Pond #1, sampled on March 26, 2013: Radium 226 at 0.0462 ± 0.211; and Radium 228 at 0.994 ± 0.440;
- Odie Chapman Pond #2, sampled on March 26, 2013: Radium 226 at 0.000 ± 0.258; and Radium 228 at 0.435 ± 0.371; and
- Hilltop well, sampled on March 27, 2013: Radium 226 at -0.128 ± 0.354; and Radium 228 at 0.921 ± 0.519.

These levels are below the 30 pCi/L standard in NMAC 20.6.2.3103.

Once the tests have been completed, prior to discharge, Enterprise will collect and analyze a sample of the water obtained from the discharge location (MP 389.8). The sample will be analyzed using the following methods.

SAMPLING PLAN FOR COMPLIANCE WITH NMAC 20.6.3103 (A), (B), (C)		
ANALYTES	METHOD	BOTTLE TYPE/PRESERVATIVE
Volatile Organics	8260B	3 x 40 ml VOA's / HCl
Ethlylene dibromide	504 1	2 x 40 ml VOA's / $Na_2S_2O_3$
Polychlorinated Biphenols	8082	2 x liter amber / unpreserved
Polynuclear Aromatic Hydrocarbons	8310	1 x liter amber / unpreserved
Phenols	9067	1 x liter amber / H_2SO_4
Anions, TDS, pH	300 0 SM 2540C SM 4500-H+B	1 x 500 ml plastic / unpreserved 1 x 125 ml plastic / H_2SO4
Mercury	245 1	1 x 500 ml plastic / HNO_3
Dissolved Metals	200 7 / 200.8	1 x 125 ml plastic + filter & syringe / HNO_3
Total Cyanide	335 4	1 x 500 ml plastic amber / NaOH

Once the results have been received, they will be forwarded to the NMOCD. Upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103, Enterprise will discharge the water in accordance with the approved discharge permit.

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Item k. A proposed method of disposal of fluids and solids after test completion, including closure of any pits, in case the water generated from test exceeds the standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC (the New Mexico Water Quality Control Commission Regulations);

As described in Appendix G, if after the electro-coagulation process, if the test water still exceeds discharge requirements, the water will be transported from the project site in DOT-approved tanker trucks to one of the following waste water disposal companies:

- Basin Disposal, Inc. (API 30-045-26862, Disposal Well No. 1: IPI-149-0) in Aztec, New Mexico;
- Agua Moss, LLC (Permit # UIC-I-005) on Crouch Mesa, in Bloomfield New Mexico; or
- Gandy Marley, Inc. (Permit # NM1-19-0) on Highway 380 between Tatum and Roswell, New Mexico.

The water will be transported by one or more of the following NMOCD-approved haulers:

- Dawn Trucking Co. (C133-31);
- M&R Trucking, Inc. (C133-399);
- Three Rivers Trucking, Inc. (C133-335); or
- Triple S Trucking Co., Inc. (C133-372).

Any solids generated using the electro-coagulation process will be disposed of at one of the following NMOCD-approved commercial surface waste management facilities:

- Gandy Marley Inc., in Chaves County (Permit No. 19);
- Lea Land Inc. in Lea County (Permit No. 24); or
- R360 Permian Basin LLC (formerly Controlled Recovery Inc.) in Lea County (Permit No. 6).

C-138 manifest forms will be prepared and provided with all liquid and solid waste that is hauled for disposal.

Item l. A brief description of the expected quality and volume of the discharge;

The volume of the hydrostatic test water is expected to be discharged is approximately 675,000 gallons. The source of water used for the hydrostatic test will be water from spring-fed Odie Chapman Ponds #1 and #2, and/or the Hilltop well, as described on page 3. The laboratory analytical results are included in Appendix H. According to these results, the following constituents exceed the NMAC 20.6.2.3103 standards (in milligrams/liter):

- Fluoride (1.7) in Odie Chapman Pond #1 (NMAC 20.6.2.3103 standard is 1.6);
- Sulfate (640) in Odie Chapman Pond #2 (NMAC 20.6.2.3103 standard is 600); and
- Total Dissolved Solids (1,260) in Odie Chapman Pond #2 (NMAC 20.6.2.3103 standard is 1,000).

New piping will be tested which should not impact the quality of the water to be discharged.

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Item m. Geological characteristics of the subsurface at the proposed discharge site;

Information regarding the soil characteristics was obtained from the United States Department of Agriculture (USDA) soil survey (USDA, 2008). Based on that information, soils in the area are dominated by Doak-Sheppard-Shiprock association surface soils comprised of deep loam, loamy fine sand, and fine sandy loam that has well to somewhat excessive drainage. Doak soil is formed in alluvium derived dominantly from sandstone and shale. Sheppard soil is formed in eolian material derived from mixed sources. Shiprock soil is formed in alluvial and eolian material derived predominantly from sandstone. Doak-Sheppard-Shiprock association soils are rolling soils with 0 to 15 percent slopes located on mesas, plateaus, and terraces.

The soil overlies the Nacimiento Formation (Tn) of the San Juan Basin (Figure D-1, Appendix D). The Nacimiento Formation is comprised primarily of sandstone, with some shale and conglomerates (USGS, 2013).

Item n. The depth to and total dissolved solids concentration of the ground water most likely to be affected by the discharge; and

Based on a search of the OSE and Go-Tech websites on June 21, 2013:

- Depth to water in two wells located approximately 0.83 mile from the site had depths of water of 628 and 1073 feet below grade. No depth to water data was available for the well located approximately 0.45 mile from the site.
- No analytical data was available for these wells.
- Information regarding the regional water supply wells of the Nacimiento Formation of the San Juan Basin indicated the following:
    - Depth to first water ranges from approximately 160 to 460 feet below ground surface.
        - Based on specific conductivity measurements ranging from approximately 500 to 2,310 micromhos per centimeter, total dissolved solids (TDS) concentrations in the region generally range from 340 to 1,550 parts per million (Klausing, et. al, 1984).

Item o. Identification of landowners at, and adjacent to, the discharge collection/retention site. Landowners within 1/3-mile of the boundary of the discharge point or temporary frac tank storage area within the Enterprise pipeline easement:

According to the San Juan County Tax Assessor's office, the landowner of record for the property at the discharge location is:

Bureau of Land Management
Rio Puerco Field Office
435 Montano Road NE
Albuquerque, NM 87107
Attn: Connie Maestas, Realty Specialist

The landowner of record for properties within 1/3 mile radius of property where the discharge will occur is:

Blancett Land and Cattle, LLC
271 Road 3000
Aztec, NM 87410

References

Go-Tech, New Mexico Water database (NM WAIDS, accessed June 21, 2013, http://octane.nmt.edu/waterquality/data/gwatersearch.aspx.

Klausing, R.L. and Welder, G.E., 1984, "Availability of Hydrologic Data in San Juan County, New Mexico, U.S. Geological Survey and San Juan County Commission, New Mexico, United States Department of the Interior, Open-File Report 84-608.

Office of the State Engineer (OSE) database search accessed in June 21, 2013, http://nmwrrs.ose.state.nm.us/nmwrrs/index.html.

Petroleum Recovery Research Center database (PRRC) database search accessed June 21, 2013, http://ford.nmt.edu/prrc_MF/index5.html.

United States Department of Agriculture, Soil Conservation Service, United States Department of the Interior Bureau of Indian Affairs and Bureau of Reclamation, and the New Mexico Agricultural Experiment Station, 1980. "Soil Survey of San Juan County Area, New Mexico, Eastern Part", 1980.

United States Geological Survey, Mineral Resources On-Line Spatial Data, accessed June 21, 2013, http://mrdata.usgs.gov/geology/state/state.php?state=NM

GIS References – Segment 1

Topographic 7.5' quadrangle maps (Segment 1)
- Arroyo Empedrado, NM
- San Luis, NM
- Holy Ghost Spring, NM
- Guadalupe, NM
- Cabezon Peak, NM
- Ojito Spring, NM

Basemap for inset on Figure 1
- ESRI World Street Map. Sources: ESRI, DeLorme, NAVTEQ, TomTom, USGS, Intermap, iPC, NRCAN, ESRI Japan, METI, ESRI China (Hong Kong), ESRI (Thailand)

Aerial imagery on Figure 2, Segment 1
- ESRI World Imagery; ESRI DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community. Date of image: 05/22/2010

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State and County boundaries
- ESRI Street Map North America dated August 17, 2010

Cities and Towns; Urban areas
- *TIGER urban areas 2010 (tl_2010_35_place10.shp) 2010 Census data
- ESRI Street Map North America dated August 17, 2010

PLSS
- *BLM GIS dataset dated June 3, 2013

Surface waters (streams and water bodies)
- *National Hydrography Dataset, USGS, GIS dataset downloaded May 4, 2011

Wetlands
- *National Wetlands Inventory, USF&WS, GIS dataset downloaded May 4, 2011

OSE Wells
- *New Mexico Office of the State Engineer, Excel spreadsheet dated of July 2011
- Unable to find the USGS wells listed on the PRRC references sheet

Floodplains, Segment 1
- *S_FLD_HAZ_LN downloaded from New Mexico Resource Geographic Information System Program, http://rgis.unm.edu/ GIS shapefile downloaded June 5, 2013
- FEMA DFIRM Panel 35043C1075D dated 3/18/2008

Mines
- New Mexico Mining and Minerals Division, February 2012
- *Coal mine permit boundaries shapefile from RGIS, downloaded June 17, 2013
- Potash areas from BLM Carlsbad Field Office basemap, downloaded May 8 , 2012

Geology
- USGS OFR 2005-21351. Stoeser, D.B., G.N. Green, L.C. Morath, W.D. Heran, A.B. Wilson, D.W. Moore, and B.S. Van Gosen, 2005. Preliminary Integrated Geologic Map Databases for the United States; Central States: Montana, Wyoming, Colorado, New Mexico, Kansas, Oklahoma, Texas, Missouri, Arkansas, and Louisiana, - The State of New Mexico. U.S. Geological Survey Open-File Report 2005-1351
- USGS Fault and Fold Database, GIS shapefiles downloaded November 3, 2010
- BLM Carlsbad Field Office GIS Basemap GIS dataset downloaded on May 8, 2012

Karst
- *USGS OF 2004-1352. Tobin, Bret D., and David J. Weary, 2004. Digital Engineering Aspects of Karst Map: A GIS version of Davies, W.E., Simpson, J.H., Ohlmacher, G.C., Kirk, W.S., and Newton, E.G., 1984, Engineering aspects of karst: U.S. Geological Survey, National Atlas of the United States of America, scale 1:7,500,000. U.S. Geological Survey Open-File Report 2004-1352
- BLM Carlsbad Field Office GIS Basemap, Caves potential GIS shapefile downloaded on May 8, 2012
- BLM NM GIS dataset, Karst potential, GIS shapefile provided by BLM on April 3, 2012

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Land Ownership

- BLM NM GIS dataset downloaded June 3, 2013

*same source as used on Pit Rule Petroleum Recovery Research Center database (PRRC) http://ford.nmt.edu/prrc_MF/index5.html

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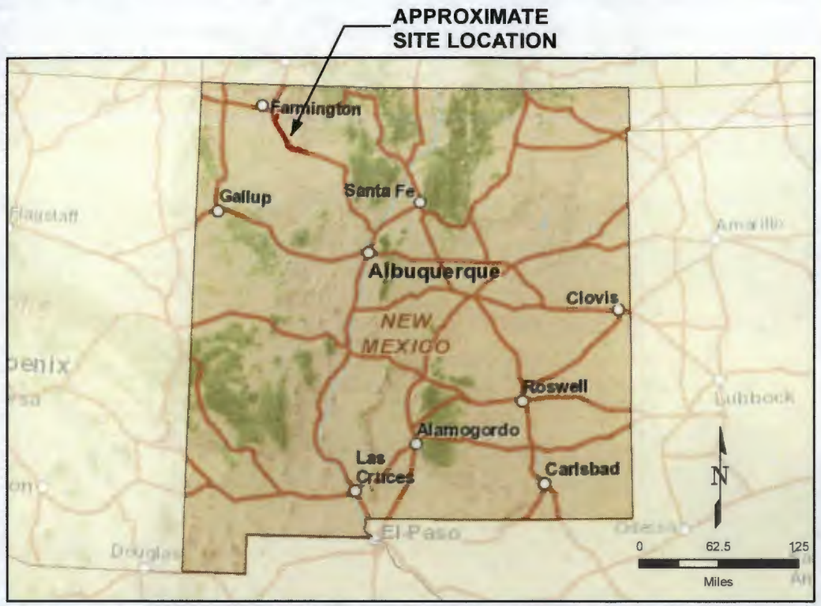
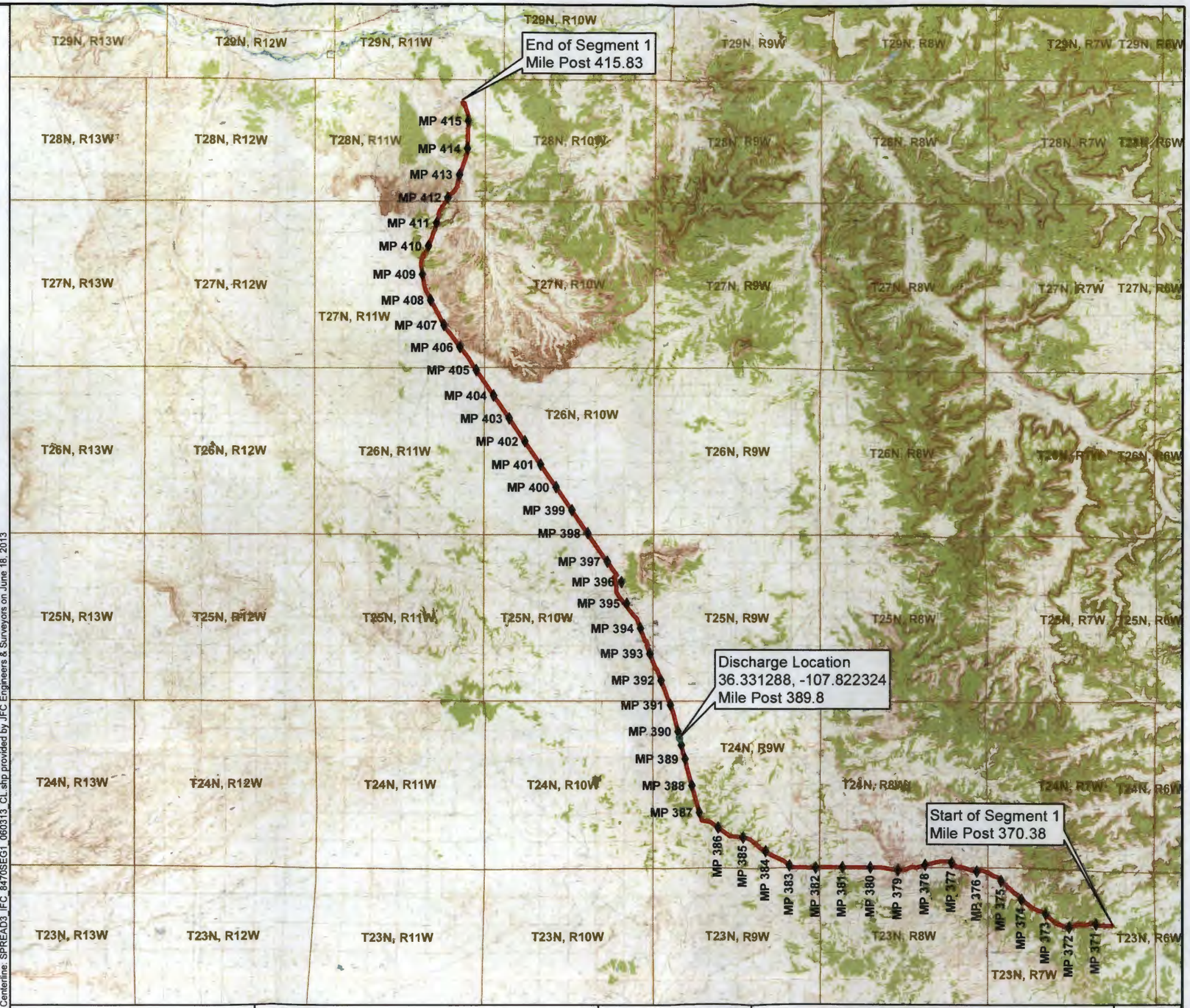
FIGURES



Source: ESRI World Street Map

LEGEND

- DISCHARGE LOCATION
- MILE POST
- APPROXIMATE SEGMENT OF PIPELINE TO BE HYDROSTATICALLY TESTED



Source: USGS 7.5' Quadrangle Topographic Maps
Farmington South, Horn Canyon, Bloomfield, Blanco, Cutter Canyon, Delligadito Mesa, Hugh Lake, Gallegos Trading Post, East Fork Kutz Canyon, Huerfanito Peak, Fresno Canyon, Gould Pass, Moncisco Wash, Carson Trading Post, Huerfano Trading Post NW, Huerfano Trading Post, Thompson Mesa, Smouse Mesa, Alamo Mesa West, Alamo Mesa East, Huerfano Trading Post SW, Blanco Trading Post, Crow Mesa West, Crow Mesa East, Tanner Lake, Pretty Rock, Pueblo Bonito NW, Kimbeto, Lybrook NW, Lybrook, NM
Centerline: SPREAD3_IFC_8470SEG1_060313_CL.shp provided by JFC Engineers & Surveyors on June 18, 2013

N
2 0 2 4
Miles
Locations are Approximate

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DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_Figure1.mxd

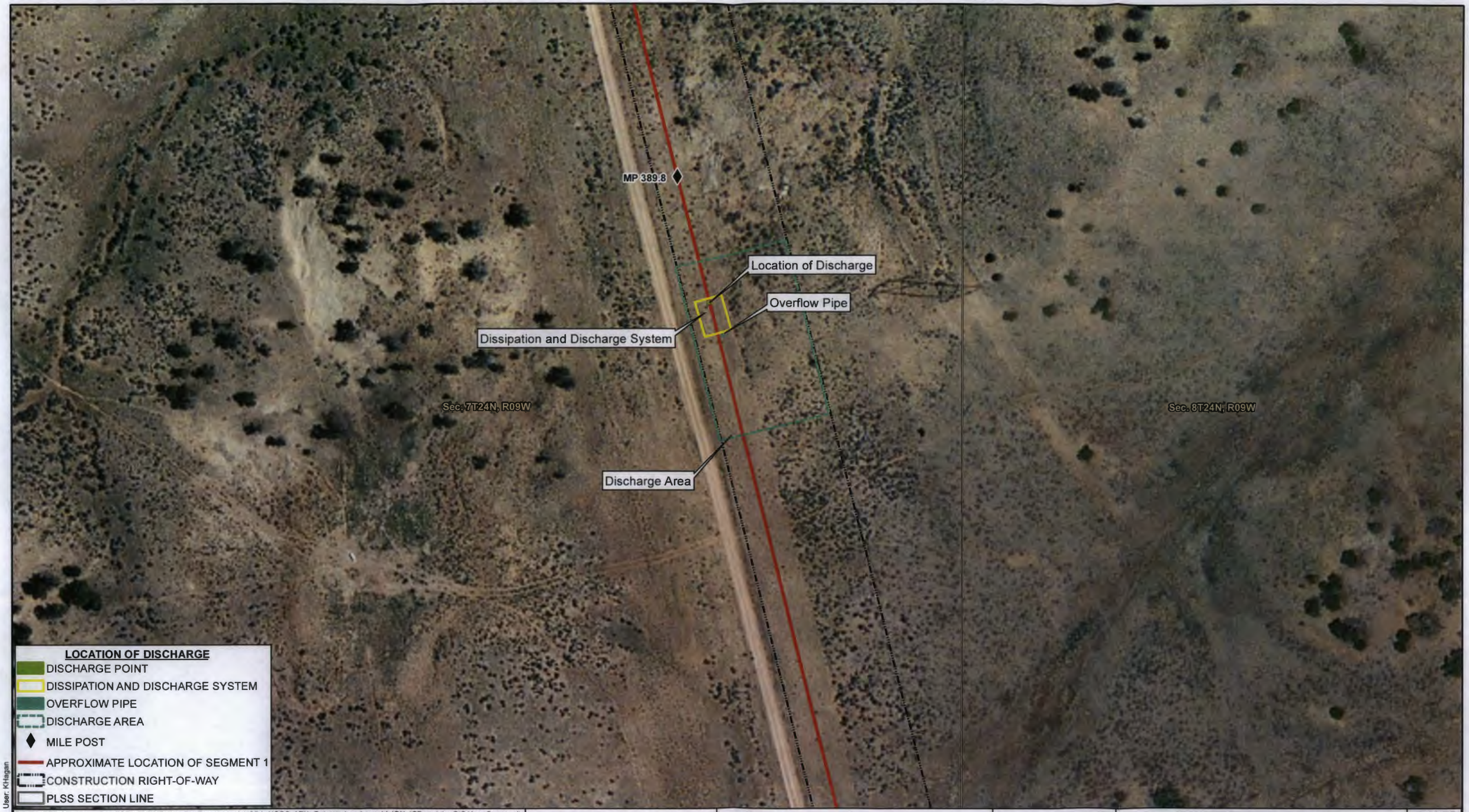
NEW ENTERPRISE PIPELINE
WEP III SEGMENT 1

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN AND SANDOVAL COUNTIES, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE **1**

Date: 8/19/2013 User: KHagan



User: KHagan

Date: 8/26/2013

Source: ESRI World Imagery; ESRI, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community
Date of image: 06/18/2010
SPREAD3_IFC_8470SEG1_060313_CL.shp, SPREAD3_IFC_8470SEG1_060313_CROW.shp
provided by JFC Engineers & Surveyors on June 18, 2013

N

50 0 50 100

Feet

Locations are Approximate

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FILE NAME:	Seg1_Figure2.mxd

NEW ENTERPRISE PIPELINE
WEP III SEGMENT 1 DISCHARGE LOCATION

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES

DRAWING CATEGORY: 1

FIGURE **2**

Straw bale catch basin: Bales will be installed 2-3 bales high and 2 bales wide.

Mirafi Fabric: Mirafi fabric will be installed on the inner walls of the interior straw bale catch basins to ensure the capture of suspended solids and debris that may occur from the testing procedure.

Top View

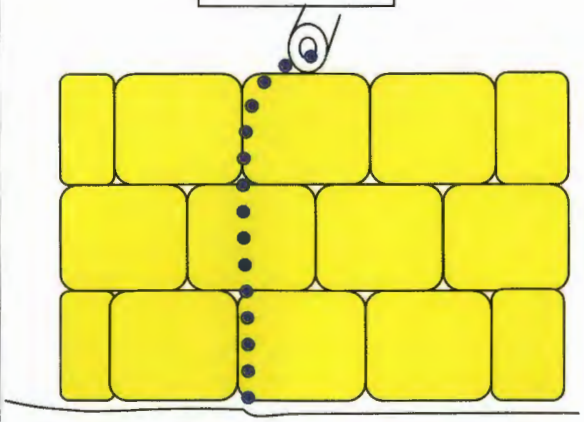
Plywood Supports: Plywood supports will be built to support the discharge point and the overflow pipe so that they do not rest on the straw bales.

Discharge points

Diffuser: A diffuser will be installed at the discharge point to dissipate the energy of the water.

Overflow Pipe

Side View



This system is designed to capture sediment and debris while allowing water to flow through. The size of the catch basin will be approximately 30x40 feet in size. This system is designed so that water will flow through the bales and filter out into the surrounding vegetation at a slow velocity. If too much water enters the catch basin, there is an overflow pipe to prevent the structure from collapse. Geotech fabric will be installed below the overflow to prevent erosion.

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FILE NAME:	Seg1_Figure3.doc

DISSIPATION AND DISCHARGE SYSTEM

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR:	K.HAGAN	DRAWING CATEGORY
APPROVED BY:	ES	1

FIGURE
3

APPENDIX A
Certification of Siting Criteria

Certification of Siting Criteria

Hydrostatic Discharge Line

I, Theresa Ancell, have performed a site visit to look for the presence of the items described below and have confirmed that evidence of these items was not observed within the specified distance from the discharge location. The discharge location will be located in the SE 1/4 of the NE1/4 of Section 7, Township 24 North, Range 9 West in San Juan County, NM (see Figure 2).

1. Within 200 feet of a watercourse, lakebed, sinkhole or playa lake;
2. Within an existing wellhead protection area (200 feet from a private, domestic fresh water well or spring used by less than five households for domestic or stock watering purposes or 1,000 feet from any other fresh water well or spring);
3. Within a surface expression of a subsurface mining operation or karst feature;
4. Within, or within 500 feet of, a wetland; or
5. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.

On behalf of Enterprise Products, I state that the above information is complete and true to the best of my knowledge.

Theresa Ancell

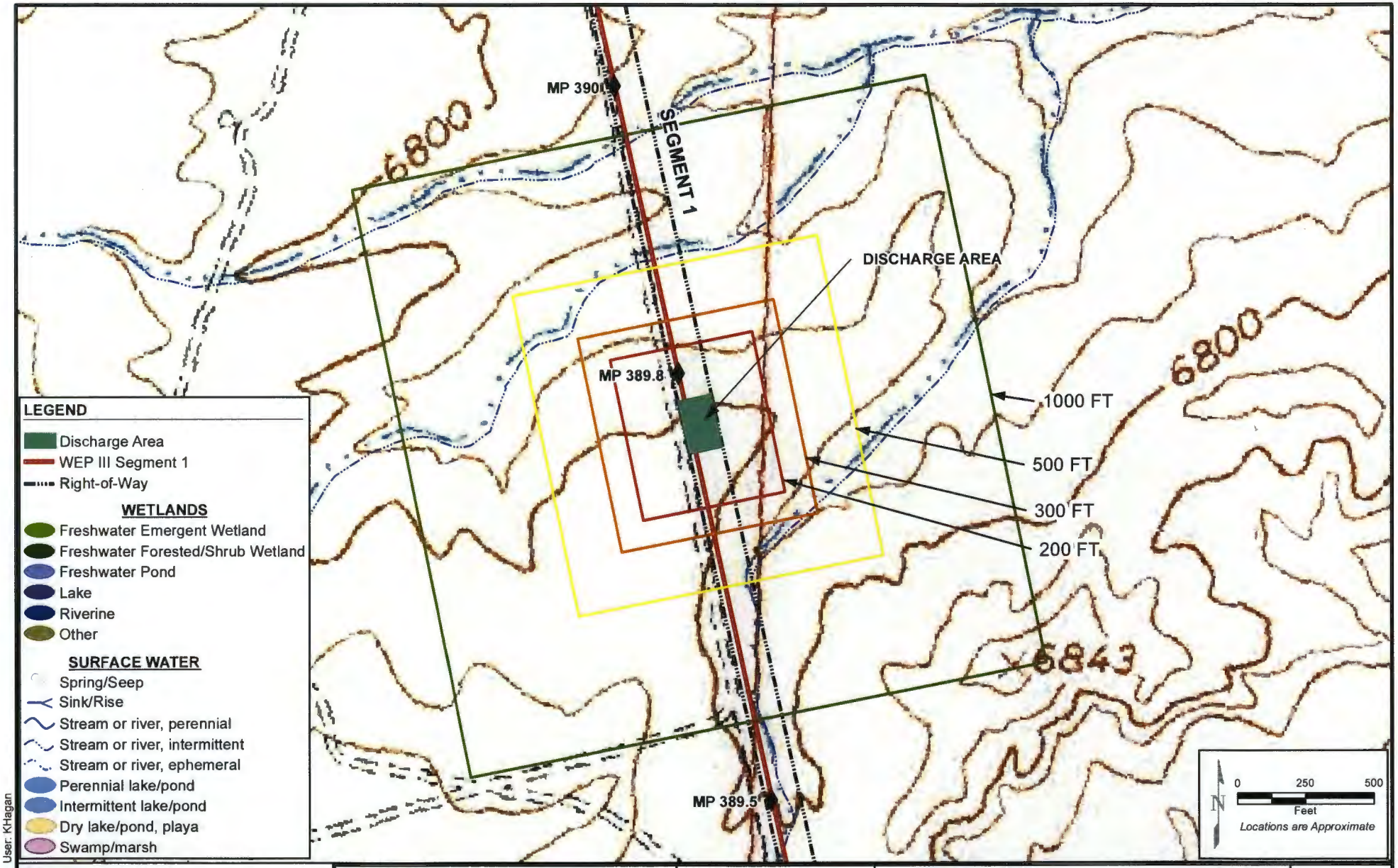
Signature

6/6/13
Date of Site Visit

Project Manager
Title

APPENDIX B

Water Feature, Water Well Information and Floodplain Information



User: KHagan

Date: 8/26/2013

Sources:
SPREAD3_IFC_8470SEG1_060313_CL.shp and
SPREAD3_IFC_8470SEG1_060313_CROW.shp
provided by JFC Engineers & Surveyors on June 18, 2013
National Wetlands Inventory, USF&WS
National Hydrography Dataset, USGS
USGS 7.5' Topographic Quadrangle, Blanco Trading Post, NM

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DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureB1.mxd

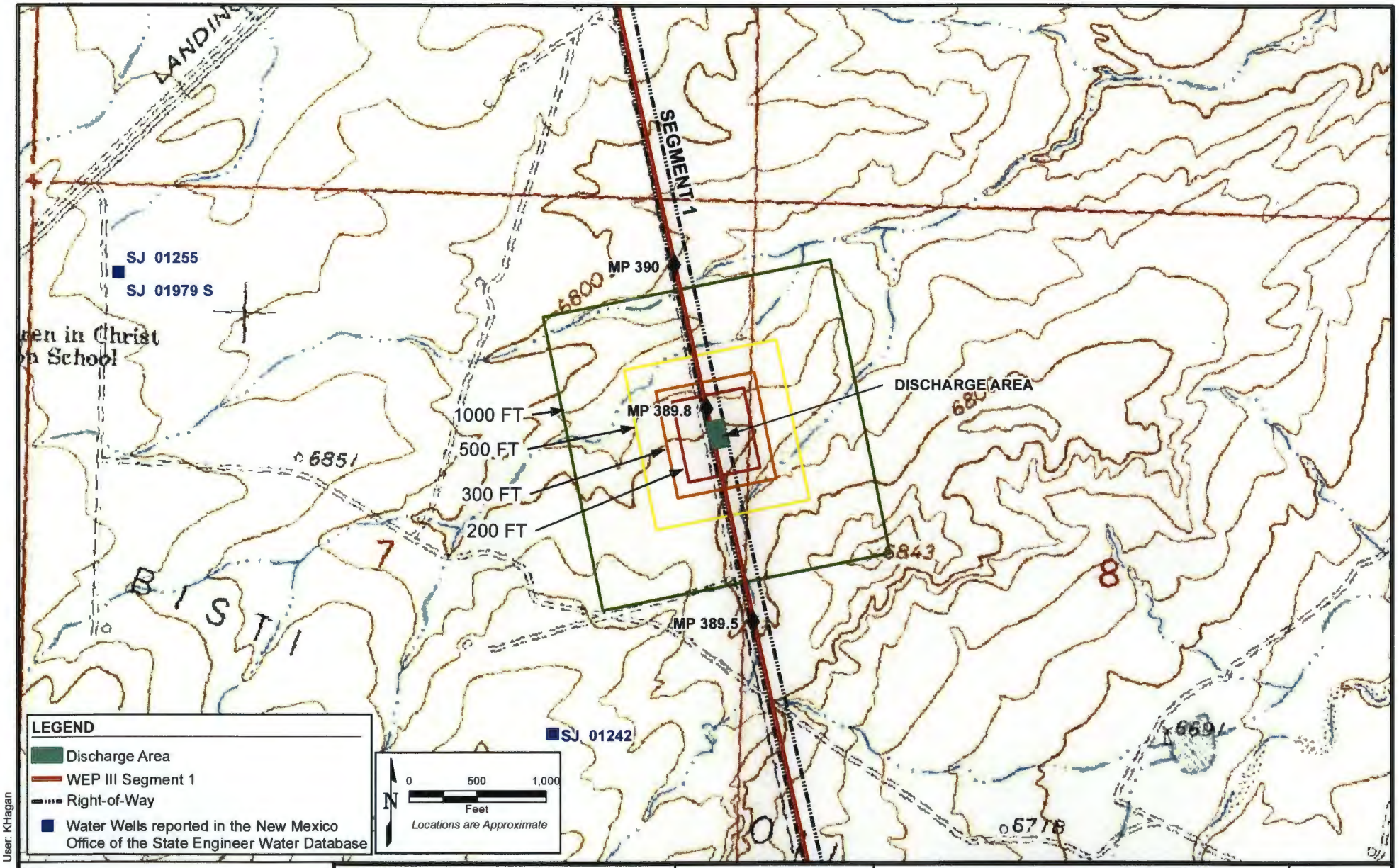
SURFACE WATER AND WETLANDS NEAR THE DISCHARGE AREA, WEP III SEGMENT 1

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES

DRAWING CATEGORY: 1

FIGURE
B-1



User: KHagan

Date: 8/26/2013

Sources:
SPREAD3_IFC_8470SEG1_060313_CL.shp and SPREAD3_IFC_8470SEG1_060313_CROW.shp provided by JFC Engineers & Surveyors on June 18, 2013
New Mexico Office of the State Engineer, data as of 07/2011
USGS 7.5' Topographic Quadrangle, Blanco Trading Post, NM

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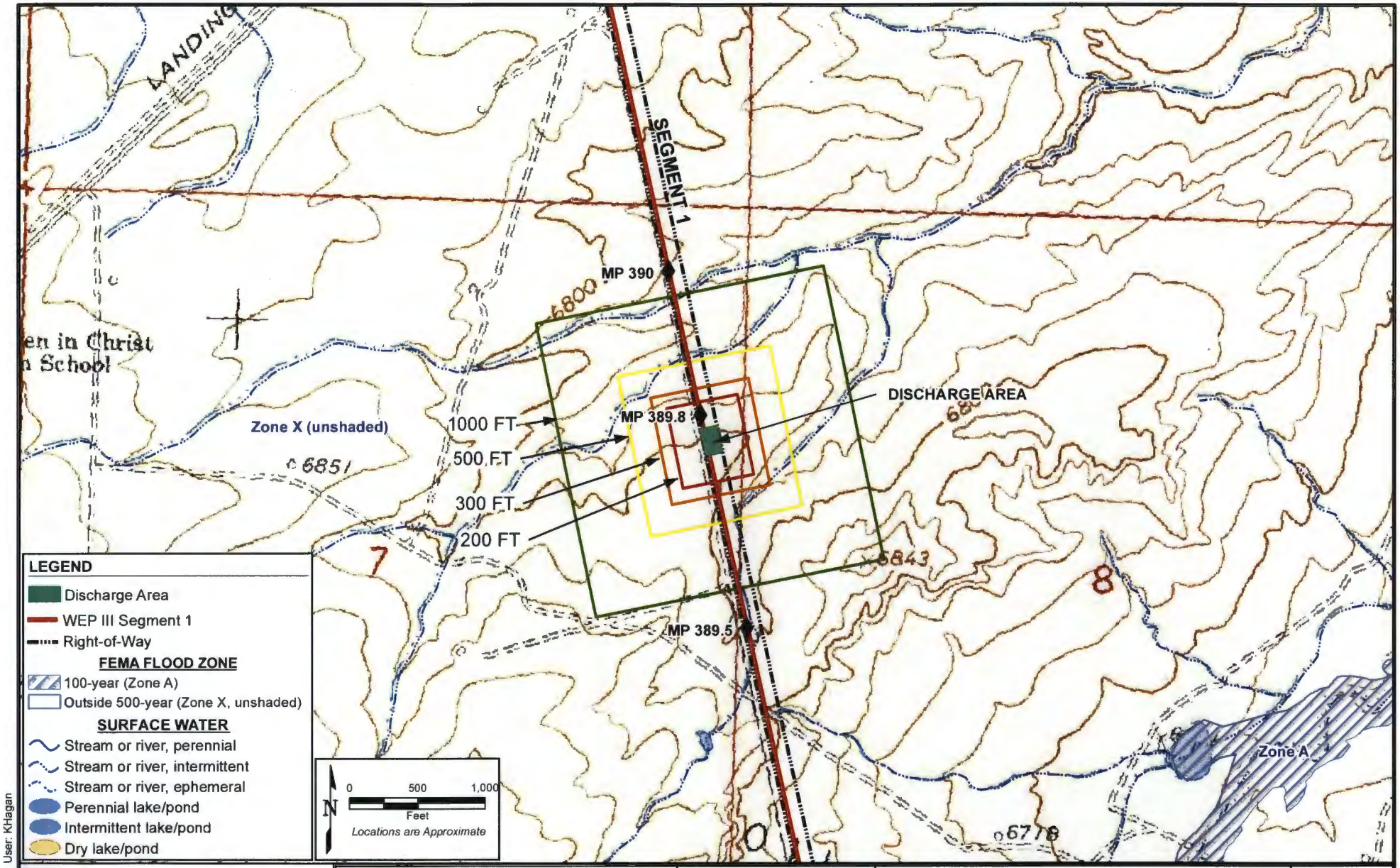
PROJECT NO.	134288
DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureB2.mxd

WATER WELLS IN THE VICINITY OF THE DISCHARGE AREA, WEP III SEGMENT 1

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE
B-2



Sources:
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provided by JFC Engineers & Surveyors on June 18, 2013
FEMA FIRM panel 35045C2075F dated 8/5/2010
USGS 7.5' Topographic Quadrangle, Blanco Trading Post, NM

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PROJECT NO.	134288
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DRAWN BY:	KFH
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FILE NAME:	Seg1_FigureB3.mxd

FEMA FLOOD MAP FOR THE VICINITY OF THE DISCHARGE AREA, WEP III SEGMENT 1

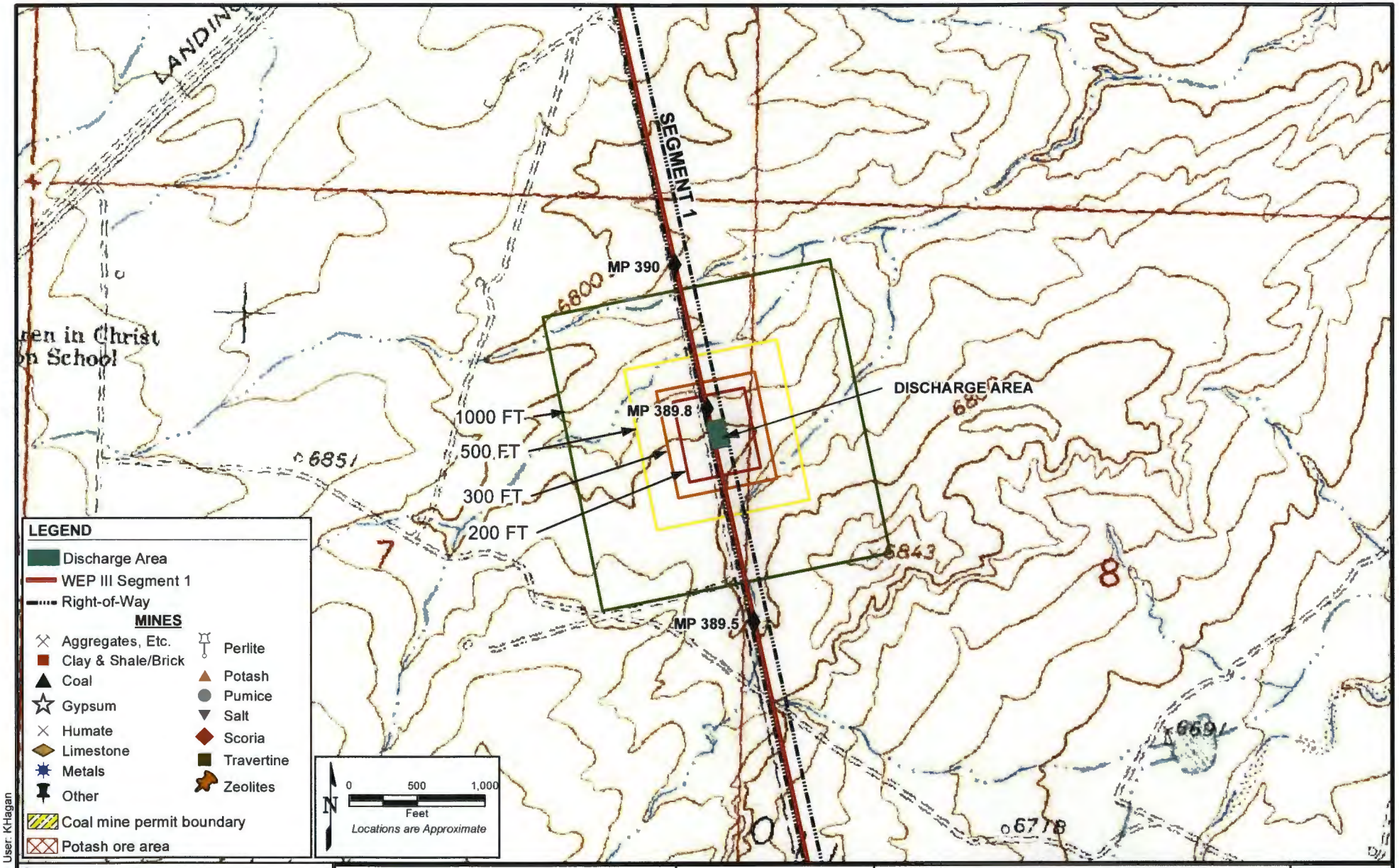
ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE
B-3

User: KHagan
Date: 8/26/2013

APPENDIX C
Area Mine Information



Sources:
SPREAD3_IFC_8470SEG2B_060313_CL.shp and SPREAD3_IFC_8470SEG2B_060313_CROW.shp provided by JFC Engineers & Surveyors on June 18, 2013
New Mexico Mining and Minerals Division, February 2012
National Hydrography Dataset, USGS
USGS 7.5' Topographic Quadrangle, Blanco Trading Post, NM

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PROJECT NO.	134288
DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureC1.mxd

ACTIVE MINES NEAR THE DISCHARGE AREA, WEP III SEGMENT 1

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE
C-1

User: KHagan
Date: 8/26/2013

RE: Mines in Vicinity of Proposed Hydrostatic Testing

Tompson, Mike, EMNRD [Mike.Tompson@state.nm.us]
Sent: Monday, June 24, 2013 10:37 AM
To: Melissa Cote
Cc: Kretzmann, John, EMNRD [john.kretzmann@state.nm.us]

Melissa,

The New Mexico Abandoned Mine Land Program has no record of any abandoned mines within a ½-mile radius of Section 7, Township 24N, Range 9W.

Please let me know if you have any other questions.

Mike

From: Melissa Cote [mailto:MCote@kleinfelder.com]
Sent: Monday, June 24, 2013 10:15 AM
To: Tompson, Mike, EMNRD
Cc: Eileen Shannon
Subject: Mines in Vicinity of Proposed Hydrostatic Testing

Hi Mike,

I am working with Eileen Shannon on a hydrostatic discharge plan for the Enterprise pipeline. We are required to research whether there are any mines in the vicinity of the proposed discharge area. Water will be discharged onto the ground surface (upon receipt of acceptable ground water quality analytical results).

The discharge area is located at:

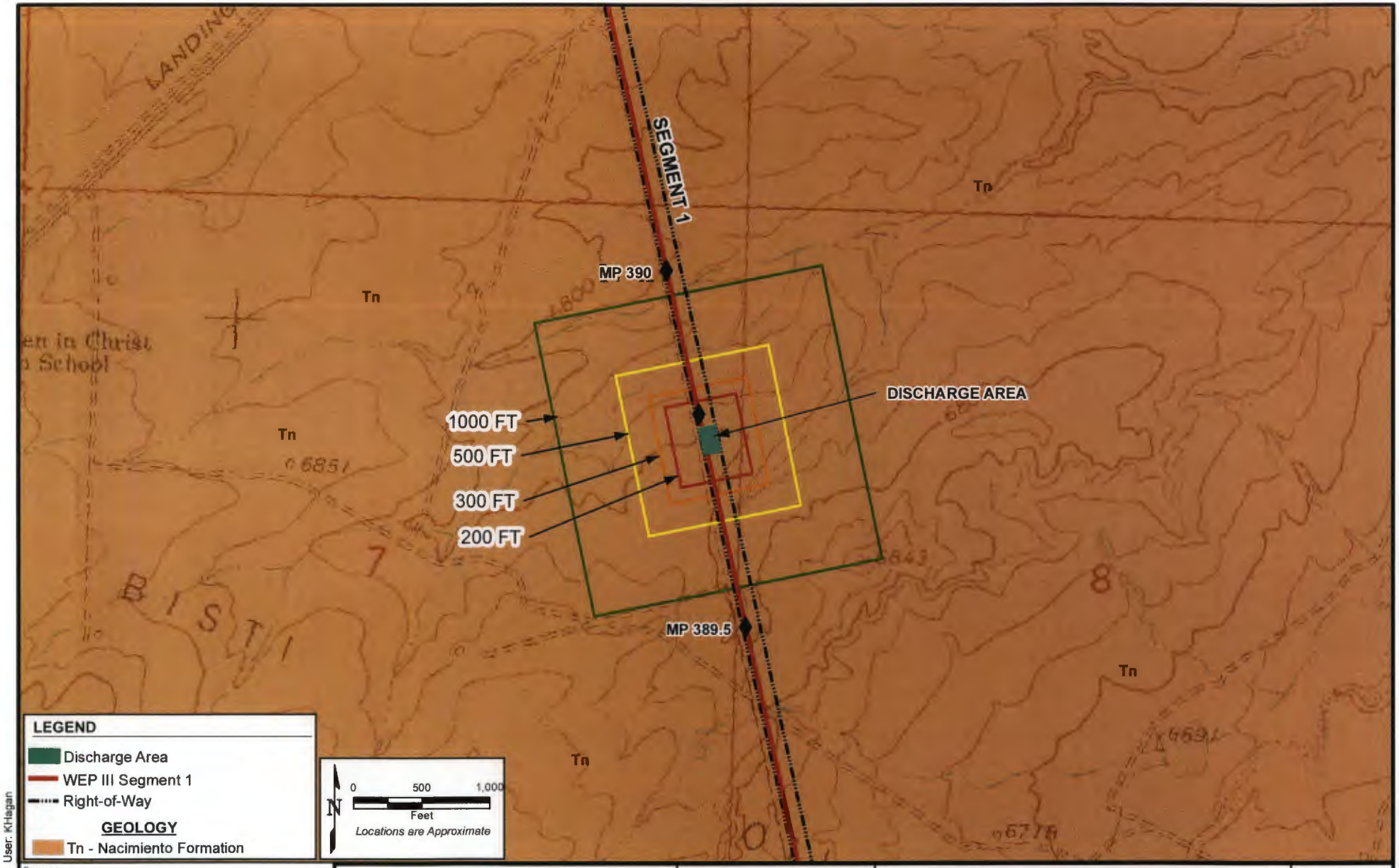
- the SE quadrant of the NE quadrant of Section 7 of T24N and R9W
- Latitude 36.331288, Longitude -107.822324

Would you be able to tell us whether there are any mines within a 1/2 mile radius of this area?

Thank you,

Melissa Cote

APPENDIX D
Geology



Sources:
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SPREAD3_IFC_8470SEG1_060313_CROW.shp
provided by JFC Engineers & Surveyors on June 18, 2013
USGS OFR 2005-21351
USGS 7.5' Topographic Quadrangle, Blanco Trading Post, NM

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PROJECT NO.	134288
DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureD1.mxd

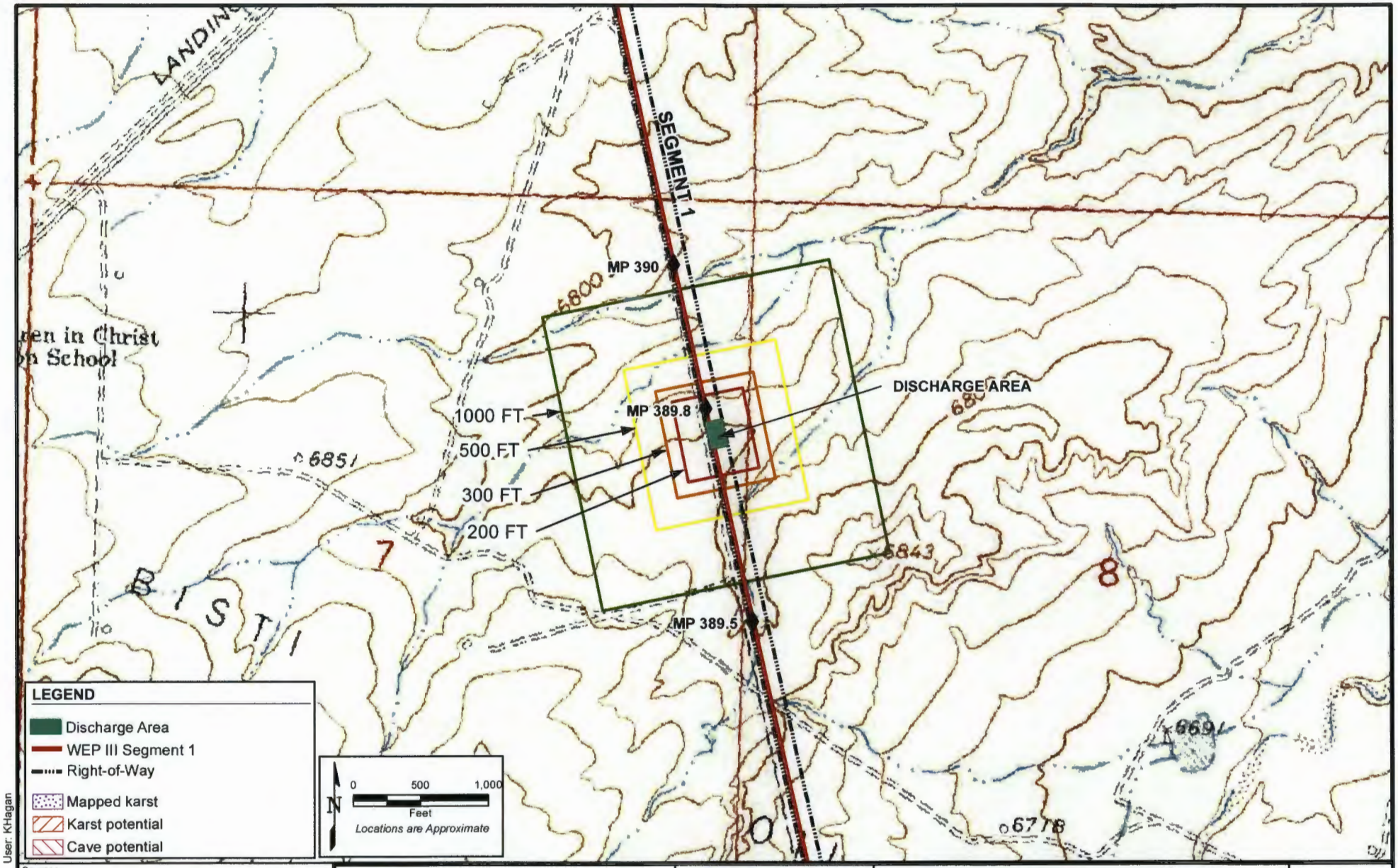
GEOLOGY IN THE VICINITY OF THE DISCHARGE AREA, WEP III SEGMENT 1

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE
D-1

User: KHagan
Date: 8/26/2013



Sources:
SPREAD3_IFC_8470SEG1_060313_CL.shp and
SPREAD3_IFC_8470SEG1_060313_CROW.shp
provided by JFC Engineers & Surveyors on June 18, 2013
USGS OFR 2004-1352
New Mexico BLM GIS Basemap
USGS 7.5' Topographic Quadrangle, Blanco Trading Post, NM
National Hydrography Dataset, USGS

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PROJECT NO.	134288
DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureD2.mxd

KARST IN THE VICINITY OF THE DISCHARGE AREA, WEP III SEGMENT 1

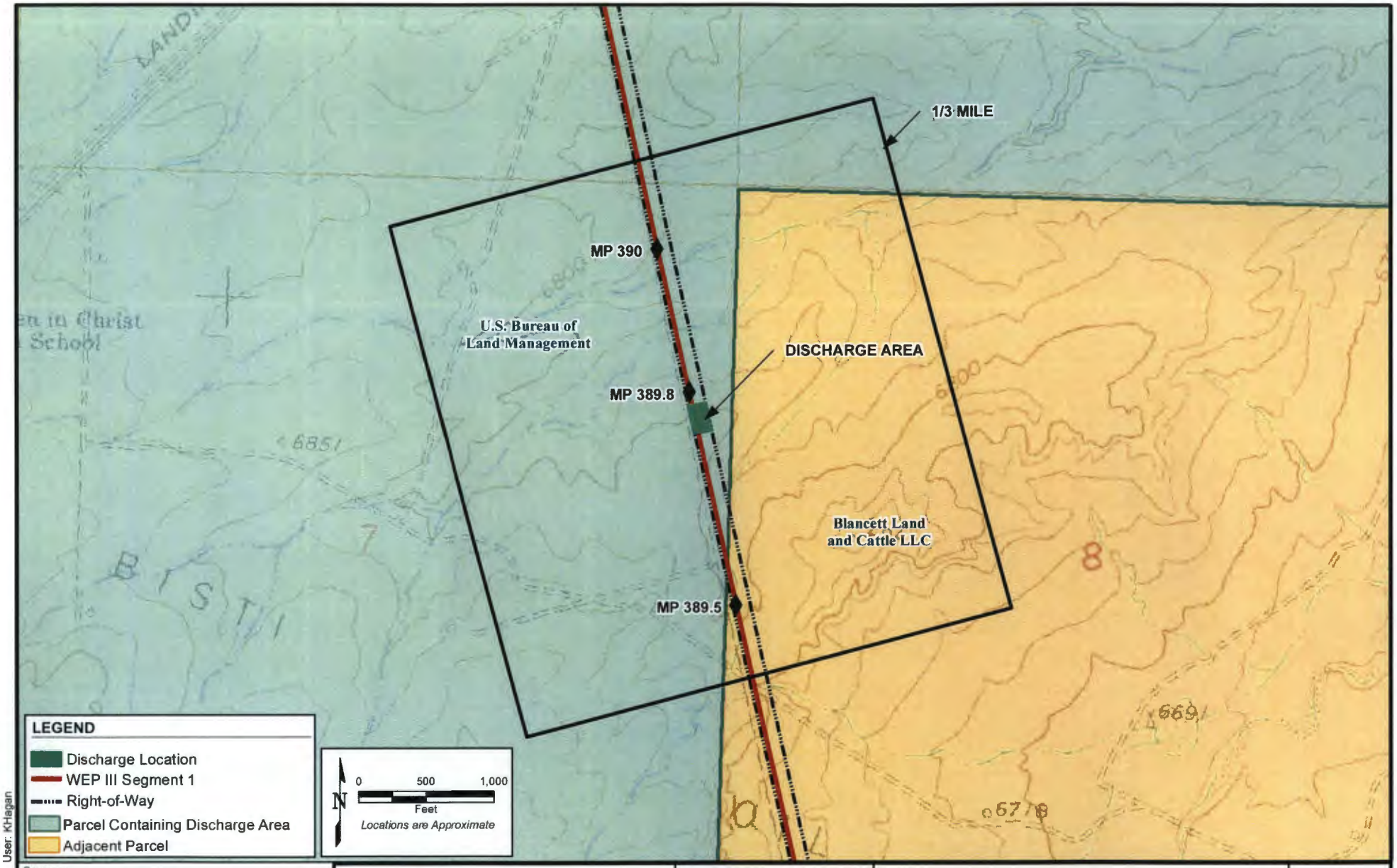
ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE
D-2

User: KHagan
Date: 8/26/2013

APPENDIX E
Area Landownership



Sources:
SPREAD3_IFC_8470SEG2B_060313_CL.shp and
SPREAD3_IFC_8470SEG2B_060313_CROW.shp
provided by JFC Engineers & Surveyors on June 18, 2013
New Mexico BLM GIS dataset
National Hydrography Dataset, USGS
USGS 7.5' Topographic Quadrangle, San Luis, NM

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PROJECT NO.	134288
DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureE1.mxd

LAND OWNERSHIP IN THE VICINITY OF THE DISCHARGE AREA, WEP III SEGMENT 1

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE
E-1

User: KHagan
Date: 8/26/2013

APPENDIX F
Public Notice

PUBLIC NOTICE

The United States Department of Transportation (USDOT) requires periodic pressurized tests on all USDOT-regulated pipelines. Enterprise Products Operating LLC (Enterprise) hereby gives notice that the following discharge permit application has been submitted to the New Mexico Oil Conservation Division (NMOCD) in accordance with Subsection B, C, E, and F of 20.6.2.3108 New Mexico Administrative Code. The local Enterprise mailing address is: Enterprise Products Operating LLC, 614 Reilly Ave., Farmington, NM 87401.

The purpose of hydrostatic (testing with water) pipeline testing is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. The pipeline will be filled with water, and then pressurized to a pressure higher than the standard operating pressure for a specified duration of time.

Enterprise has submitted an application for hydrostatic test water discharge that will occur on the pipeline right-of-way at Latitude 36.331288; Longitude -107.822324 (SE/4; NE/4; Section 7, T24N, R9W) in San Juan County, New Mexico. The location of the hydrostatic discharge area is approximately 28 miles southeast of Bloomfield, New Mexico. To reach the discharge site from Bloomfield, New Mexico, from the intersection of W Broadway Ave and US-550 head south on US-550 for 28.2 miles, then turn right onto NM-57 for 2.3 miles, then turn left on an unnamed road (towards CR 7776) for 1.2 miles. The discharge location will be on the right side of the road. The discharge will take place in the 125-foot pipeline easement right-of-way (ROW). The hydrostatic test is scheduled on or about October 22, 2013 with discharge of the test water scheduled on or about November 1, 2013.

The new piping, called the Western Expansion Pipeline (WEP) III, Segment 1, will be hydrostatically tested. Up to 675,000 gallons of water obtained from the Odie Chapman spring-fed ponds and the Hilltop Well will be hauled to the site and pumped via hose into the pipeline. Once the test has been completed, and prior to discharge, Enterprise will collect and analyze a sample of the water obtained from the discharge location (MP 389.8) of the pipeline. The sample will be analyzed for water quality. Once the results have been received, the results will be forwarded to the NMOCD. Upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103, Enterprise will discharge the water in accordance with the approved discharge permit. If discharge to the ground surface is approved, the water will be released from a pipeline and the test water will be discharged to the dissipation and discharge system and allowed to flow onto ground surface within the ROW.

If test water exceeds discharge requirements, it will be treated using electro-coagulation to remove constituents that exceed the discharge requirements. 400-barrel storage tanks will temporarily hold the treated water while post-treatment samples are collected and submitted for laboratory analysis. The analytical results will be sent to NMOCD for approval and upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103; Enterprise will discharge the water in accordance with the approved discharge permit.

If after this treatment process, water still exceeds discharge requirements, it will be transported from the project site in DOT-approved tanker trucks by an NMOCD-approved hauler to an NMOCD-approved waste water disposal facility.

Limited data on shallow groundwater conditions was available from wells located near the discharge site. Based on a literature review, regional shallow groundwater in the Nacimiento Formation has a depth to water ranging from 160 to 460 feet below ground surface with a general total dissolved solid concentration ranging from 340 to 1,550 parts per million.

The notice of intent and discharge plan outlines how produced water and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to protect the waters of the State of New Mexico.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments please contact:

Brad Jones, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Phone: (505) 476-3487

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this hydrostatic test and will provide future notices for this pipeline upon request.

AVISO PUBLICO

El Departamento de Transporte de los Estados Unidos (United States Department of Transportation, USDOT) requiere hacer pruebas (presurizadas) periódicamente en toda tubería regulada por USDOT. La compañía Enterprise Products Operating, LLC (Enterprise) da aviso por este medio que la siguiente aplicación de permiso de descarga ha sido sometida al New Mexico Oil Conservation Division (NMOCD) de acuerdo con las Sub-Sección B, C, E, y F del Código Administrativo de Nuevo México (New Mexico Administrative Code, NMAC, 20.6.2.3108). La dirección de correo local de la compañía Enterprise es: Enterprise Products Operating LLC, 614 Reilly Ave., Farmington, NM 87401.

El propósito de la prueba hidro-estática (prueba con agua) en la tubería es para evaluar el potencial de defectos que puedan afectar la habilidad de la tubería de sostener la máxima presión de operación permisible. La tubería será llenada con agua, y luego presurizada a una presión mayor a la presión de operación estándar por periodo de tiempo especificado.

Enterprise ha sometido una aplicación para descargar agua de pruebas hidro-estática que ocurrirá en el área de la servidumbre de paso a una Latitud de 36.331288°; Longitud de -107.822324° (SE/4; NE/4; Sección 7, T24N, R9W) en el Condado de San Juan, Nuevo México. El lugar de la descarga está aproximadamente 28 millas al sureste de Bloomfield, Nuevo México. Para llegar al lugar de la descarga desde Bloomfield, Nuevo México, desde la intersección de W Broadway Ave y US-550; viajar hacia el sur sobre US-550 por 28.2 millas, luego dar vuelta a la derecha sobre NM-57 por 2.3 millas, luego dar vuelta a la izquierda sobre una calle sin nombre (hacia CR 7776) por 1.2 millas. El área de descarga estará sobre la derecha de la calle. La descarga tomará lugar los 125 pies de servidumbre de paso de la tubería. La prueba hidro-estática está programada para o aproximadamente Octubre 22, 2013 con la descarga del agua de prueba programada para o approximadamente Noviembre 1, 2013.

La nueva tubería, llamada Western Expansion Pipeline (WEP) III, Segmento 1, será probada hidro-estáticamente. Hasta 675,000 galones de agua obtenidos de los lagos Odie Chapman y el pozo Hilltop serán transportados al sitio y bombeados por medio de una manguera a la tubería. Una vez que la prueba se haya completado, y antes de la descarga, Enterprise obtendrá y analizara una muestra de agua obtenida del área de descarga (MP 389.8) de la tubería. La muestra será analizada para evaluar la calidad del agua. Una vez que se reciban los resultados, los resultados serán enviados a NMOCD. Una vez que NMOCD concurra que el agua de descarga cumple con los estándares de calidad de agua de NMAC 20.6.2.3103, Enterprise descargara el agua de acuerdo con el permiso de descarga aprobado. Si descarga en la superficie del suelo es aprobado, el agua será desalojada de una tubería y el agua de prueba será descargada al sistema de descarga y permitida fluir sobre la superficie del suelo en el área de la servidumbre de paso de la tubería.

Si el agua de prueba excede los requisitos de descarga, será primero tratada usando electro-coagulación para remover componentes que excedan los requisitos de descarga. 400-barriles usados como tanques de almacén temporalmente guardaran el agua tratada hasta que las muestras de después de tratamiento sean obtenidas y sometidas para análisis de laboratorio. Los resultados analíticos serán enviados a NMOCD para ser aprobados y cuando NMOCD concurra que el agua de descarga tiene los estándares de calidad de agua de NMAC 20.6.2.3103; Enterprise descargara el agua de acuerdo con el permiso de descarga aprobado.

Si después de este proceso de tratamiento, agua todavía excede los requisitos de descarga, será transportada del sitio del proyecto en camiones-pipa aprobados por el departamento de transporte por un transportista aprobado por NMOCD a un lugar aprobado por NMOCD para deshacerse del agua de prueba.

Datos limitados acerca del nivel freático más cercano a la superficie del suelo estaban disponibles de pozos localizados cerca del sitio de descarga. En base a una revisión de literatura, el nivel freático regional en el Formación Nacimiento tiene una profundidad al agua con un rango de 160 a 460 pies debajo de la superficie del suelo con una concentración total de solidos disueltos general con un rango de 340 a 1,550 partes por millón.

El aviso del plan de intención de descarga resume como el agua que se produzca será manejada, incluyendo su guardado y el proceso final para deshacerse del agua. El plan también incluye procesos para el manejo apropiado de fugas, descargas accidentales, y derrames para proteger las aguas del estado de Nuevo México (New Mexico).

Para información adicional, ser puesto en una lista de correo de particular a este proyecto, o para someter comentarios, favor de contactar:

Brad Jones, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Teléfono: (505) 476-3487

El Departamento de NM de Energia, Minerales y Recursos Naturales (NM Energy, Minerales and Natural Resources Department) aceptará comentarios al respecto de esta prueba hidro-estática y proporcionará avisos futuros para esta tubería en base a petición.

APPENDIX G

Electro-Coagulation Process Information

Post-Hydrostatic Test Water On-Site Electrocoagulation Treatment

Introduction

The electro-coagulation (EC) process is one that uses an electrical current to coagulate organic constituents and suspended solids in water. The coagulated organics have the ability to adsorb ionic constituents which makes it possible to separate out a flocculent with the majority of suspended organics and some of the ionic constituents removed (ITRC, 2013). At this site, it will be used to treat hydrostatic test water after the completion of testing and prior to discharge onto the ground surface.

EC Process

Water will be transferred from the pipeline with a pump and hose into two 21,000-gallon closed top weir tanks to allow for consistent volumes to feed supply pumps. The water will be pumped from the weir tanks to the water treatment system tank. The hydrostatic test water will be treated with a zero toxicity bio-polymer and will be run through a quad filtration vessel containing 80, 5-micron filtration socks. Material Data Safety Sheets for any chemical or additives used are attached. The water will then be pumped through a series of holding tanks and filtering systems, and then pumped with hoses and pipes into the water storage tanks. An illustration of the areas of secondary containment, EC treatment system, and the storage tanks is shown in Figure G-1. A detailed schematic of the EC treatment and filtration system setup is shown in Figure G-2.

As the water is processed through the treatment vessel, the system is continuously monitored for water pressure, pH, nephelometric turbidity units (NTU), flow rate and residual bio-fouling to ensure system is operating within specifications. As filtration cartridges are expended, the system is transferred to the secondary filtration system while maintenance is performed on the primary system. Treated water will be discharged by hose into approximately 41 interconnected, 400-barrel storage tanks. The water will be held in the storage tanks until analytical testing is conducted. Processing of the water through the EC system is anticipated to take approximately 3 days. All processing will occur within secondary containment and will occur in the pipeline ROW. The secondary containment is described under best management practices below

Solid waste generated as part of this process consists of a synthetic filtration socks with particulate matter generated during the filtration process. As the sock becomes full, it will be manually removed from the filtration unit and placed into 42-gallon drums located within the secondary containment.

Post-treatment Sampling

Up to four water samples will be collected from the tanks at the end of the EC treatment process. Samples will be from the following intervals/tank locations: 1,000 gallons (1st tank); 235,200 gallons (14th tank); 470,400 gallons (28th tank); and 675,000 gallons (41st tank). Samples will be submitted for laboratory analysis, as described in *item j*. Analytical testing is anticipated to take approximately 4 days to receive the results.

Once the results have been received, they will be forwarded to the NMOCD. Upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103, Enterprise will discharge the water as described in *item h*.

If the results do not meet the required water quality standards, the water will pumped from the storage tanks into water trucks, using a hose or temporary piping. Transportation and disposal of the water is described in *item k*.

Any solids generated during the EC process will be managed as described in *item k*.

Best management practices

Secondary containment will be designed to hold 1 1/3 of the total volume of the 41 water storage tanks. It will be comprised of hay or dirt berms approximately 4.5 feet high with plastic lining the bottom of the containment area and draped over the sides of the containment. The approximate dimensions of the containment are 315 feet long by 85 feet wide. Because of the close proximity to ephemeral streams, the discharge area could not be lengthened to include the entire secondary containment area. Although the secondary containment extends past the discharge area by approximately 150 feet, the containment will be lined and have walls that are 4.5 feet high to prevent discharge into the streams.

Each individual vessel of the EC treatment system will have its own secondary containment. The storage tanks and EC treatment system will be contained within a single containment area located in the ROW.

If the test water needs to be transferred to water trucks for disposal, drip pans will be placed under hose connections and valves to prevent leaks from reaching the ground surface. Valves will be present on the water tanks and at various transfer areas to stop the flow of water if needed. Personnel will be present during transfer operations to close valves in case of leaks. Personnel will be located in the surrounding area to conduct pipeline construction and maintenance activities and can help prevent vandalism to the water tanks. Visual inspections will be conducted while the hydrostatic test water is stored in the storage tanks to ensure the absence of leaks and damage due to vandalism.

Approximately five 42-gallon drums will be used to store the spent filtration socks. The drums will be sealed and will be left inside the secondary containment area, until the EC process is complete and the solids are transported off site for disposal.

Timeline

The anticipated timeline if post treated water is approved for discharge to the ground surface:

	Activity	**Duration**	**Cumulative Days**
1	Tested water in pipeline does not meet standards for discharge to the ground surface	0	0
2	Secondary containment constructed and tanks placed inside. IDW mobilizes to site and sets up system	7	7
3	Treatment of water through EC system	3	10
4	Collection and analysis of post – treatment water samples	4	14
5	EC system removed	1	15
6	Discharge approved by NMOCD	1	16
7	Test water discharged to ground surface and drummed solids removed from disposal area	2	18
8	Empty storage tanks removed and secondary containment dismantled	7	25

The anticipated timeline if post treated water needs to be hauled off for disposal:

	Activity	Duration	Cumulative Days
1	Tested water in pipeline does not meet standards for discharge to the ground surface	0	0
2	Secondary containment constructed and tanks placed inside. IDW mobilizes to site and sets up system	7	7
3	Treatment of water through EC system	3	10
4	Collection and analysis of post – treatment water samples	4	14
5	EC system removed	1	15
6	Test water cannot be discharged	0	15
7	Test water is transferred into water trucks and hauled offsite for disposal. Drummed solids removed for disposal	3	18
8	Empty storage tanks removed and secondary containment dismantled	7	25

Closure Plan

Upon completion of the treatment, the EC system will be removed from the site. Once the water in the storage tanks has been removed, the storage tanks will be dismantled and removed from the site. The drummed solids will be removed for disposal and the secondary containment will be dismantled. The site will be returned to the same condition it was prior to the hydrostatic test water discharge.

References

Interstate Technology Regulatory Council (ITRC), 2013, Technology Overview as Part of a Web-based Technical and Regulatory Guidance, Electrocoagulation, http://www.itrcweb.org/miningwaste-guidance/to_electrocoagulation.htm.

HALOSOURCE

Date: 7/24/2012
Revision: 00

Material Safety Data Sheet
HaloKlear: DBP-2100

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:	HaloSource, Inc.
Corporate Address:	1631 220th St. SE, Suite 100, Bothell, WA 98021
Manufacturer's Telephone:	(425) 881-6464 (Monday-Friday, 8AM-5PM PDT)
Emergency Telephone (24 Hours):	800-424-9300 CHEMTREC (Domestic, North America) 703-527-3887 CHEMTREC (International, collect calls accepted)
Material/Trade/Product Name:	**HaloKlear: DBP-2100**
Synonyms:	Poly X Socks
Chemical Name:	Proprietary
Chemical Formula:	Proprietary
CAS No.:	Proprietary
EPA Registration #:	Not applicable
Product Use:	Flocculant

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	COMPONENT	%	OSHA HAZARDOUS?
Trade Secret	*Trade Secret*	*Trade Secret*	YES

NOTE: See Section 8 for permissible exposure limits.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Off-white to tan, odorless powder.

May cause irritation to eyes and respiratory tract. May cause drying or chapping or skin.

WARNING! Can contain sufficient fines to cause a combustible dust explosion. Product will burn when in contact with a flame. See Section 5 Fire Fighting Measures for more information.

POTENTIAL HEALTH EFFECTS

EYE: Dry powder may cause foreign body irritation in some individuals.

SKIN: Prolonged contact with the dry powder may cause drying or chapping.

INHALATION: Hygroscopic properties of the product can form a paste or gel in the airway. Inhalation of dust may cause respiratory tract irritation. Excessive inhalation of dust may cause coughing and sneezing.

INGESTION: Not toxic if swallowed (less than a mouthful) based on available information.

CHRONIC EXPOSURE/CARCINOGENICITY: None of the components present in this material at concentrations of equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

AGGRAVATION OF PRE-EXISTING CONDITIONS: None known.

POTENTIAL ENVIRONMENTAL EFFECTS: Contains no substances known to be hazardous to the environment.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYE CONTACT: Remove contact lenses (if applicable), flush with water for 15 minutes. Call a physician.

SKIN CONTACT: Cleansing the skin after exposure is advisable.

INHALATION: If large amounts are inhaled, remove to fresh air and consult a physician.

INGESTION: Consult a physician if necessary.

NOTE TO PHYSICIANS: None.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: Not applicable
AUTOIGNITION TEMPERATURE: Not available
UPPER FLAMMABLE LIMIT: Not available
LOWER FLAMMABLE LIMIT: Not available
FLAMMABLITY CLASS (OSHA): Not applicable
FLAME PROPAGATION/BURNING RATE: Not available

UNIQUE FIRE PROPERTIES: Combustible dust which can contain sufficient fines to cause a combustible dust explosion.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide.

EXTINGUISHING MEDIA: Water, dry chemical, carbon dioxide.

PROTECTION OF FIREFIGHTERS: Treat as a "Class A" fire. Product will burn when in contact with a flame. Self extinguishers when ignition source is removed. Tends to smolder. As in any fire, wear self-contained breathing apparatus pressure-demand, and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: See Section 8 (Personal Protective Equipment).

ENVIRONMENTAL PRECAUTIONS: None known.

METHODS FOR CLEANING UP: Wet material on walking surfaces will be extremely slipper. Avoid dust formation. Use equipment designed specifically for combustible dust. Take precautionary measures against static discharges.

SECTION 7: HANDLING AND STORAGE

SAFE *HANDLING* RECOMMENDATIONS

VENTILATION: Avoid dust formation. Provide appropriate exhaust ventilation in places where dust is formed.

FIRE PREVENTION: Product may form combustible dust-air mixtures. Keep away from heat, flames, sparks, and other ignition sources. Avoid emptying package in or near flammable vapors. Static charges may cause flash fire.

SPECIAL HANDLING REQUIREMENTS: Remove material from eyes, skin and clothing.

SAFE *STORAGE* RECOMMENDATIONS

CONTAINMENT: No special containment needed.

STORAGE ROOM RECOMMENDATIONS: Store in a cool, dry, well-ventilated area away from direct heat.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

STORAGE CONDITIONS: Store in cool, dry place. Keep container closed when not in use; keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits in this section.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE/FACE PROTECTION: This product does not cause significant eye irritation or eye toxicity requiring special protection. Where there is significant potential for eye contact, wear chemical goggles and have eye flushing equipment available.

SKIN PROTECTION: Although this product does not present a significant skin concern, minimizes skin contamination by following good industrial practice.

HAND PROTECTION: Chemical resistant gloves are recommended to minimize potential irritation from handling.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Respirator use is not required for this product.

GOOD HYGEIENE/WORK PRACTICES: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

EXPOSURE GUIDELINES

PERMISSIBLE EXPOSURE LIMITS			
INGREDIENT	OSHA	WISHA	ACGIH (TLV)

CAS NO.	TWA	STEL	TWA	STEL	TWA	STEL
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Off white to tan
PHYSICAL FORM: Solid, powder
pH: Approximately neutral (1% solution)
VAPOR DENSITY: Not known
MELTING POINT: Not known
SOLUBILITY IN WATER: Fully soluble
SHAPE: Powder
ODOR: Odorless
VAPOR PRESSURE: Not known
BOILING POINT: Not known
FREEZING POINT: Not known
SPECIFIC GRAVITY OR DENSITY: Not known

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under recommended storage conditions

CONDITIONS TO AVOID: Avoid dust formation

MATERIALS TO AVOID (INCOMPATIBILITY): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD_{50} (rat): >5,000 mg/kg

DERMAL LD_{50} (rabbit): Not available

DERMAL LD_{50} (rat): Not available

SKIN IRRITATION: Non-irritating (rabbit)

EYE IRRITATION: Non-irritating (rabbit)

SKIN SENSITIZATION: No skin allergy observed in gui8nea pig following repeated skin exposure

ADDITIONAL INFORMATION: The dry powder may cause foreign body irritation in some individuals. Prolonged contact with the dry powder may cause drying or chapping of the skin. Excessive inhalation of dust may be annoying and can mechanically impede respiration. Due to the hygroscopic properties, they can form a paste or gel in the airway.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

MOBILITY: Not available

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: Inherently biodegradable.

ADDITIONAL INFORMATION:

- 96 Hour Acute Survival
  - Rainbow Trout: LC_{50} 491 mg/L, LC_{25} 347 mg/L
  - Fathead Minnow: LC_{50} 1110 mg/L, LC_{25} 678 mg/L

- 7-Day Chronic Survival and Growth
  - Rainbow Trout: LC_{50} 510 mg/L, LC_{25} 390 mg/L
  - Fathead Minnow: LC_{50} 605 mg/L, LC_{25} 443 mg/L
  - Ceriodaphnia Dubia: LC_{50} 352 mg/L, LC_{25} 289 mg/L

- Rainbow Trout (Biomass): LC_{50} 386 mg/L, LC_{25} 262 mg/L
- Fathead Minnow (Biomass): LC_{50} 505 mg/L, LC_{25} 256 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT):

Proper Shipping Name:	Not Regulated
Hazard Class:	Not Regulated
Identification Number (UN Number):	Not Regulated
Packing Group (PG):	Not Regulated

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: Component(s) listed

CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME	RQ
Not applicable	Not applicable

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

CHEMICAL NAME	TPQ	RQ
Not applicable	Not applicable	Not applicable

SARA TITLE III SECTION 311/312 HAZARD CATEGORIES: Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
YES	NO	YES	NO	NO

SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

CALIFORNIA PROPOSITION 65: The following chemical(s) is/are known to the state of California to cause cancer or reproductive toxicity:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

SECTION 16: OTHER INFORMATION

REVISION INFORMATION:
MSDS sections(s) changed since last revision of document:

- None, this is a new MSDS.

DISCLAIMER:
****
The above information is based upon information HaloSource, Inc. believes to be reliable and is supplied for informational purposes only. HaloSource, Inc. disclaims any liability for damage which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including fitness for a particular purpose) or representation with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose even if that purpose is known to HaloSource, Inc. The final determination of the suitability of the information, the manner of use of the information or product and potential infringement is the sole responsibility of the user.
****

MSDS PREPARED BY: Jeremy Heath, EH&S Manager

HALOSOURCE

Date: 9/27/2011
Revision: 00

Material Safety Data Sheet
HaloKlear: Gel-Floc

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:	HaloSource, Inc.
Corporate Address:	1631 220th St. SE, Suite 100, Bothell, WA 98021
Manufacturer's Telephone:	(425) 881-6464 (Monday-Friday, 8AM-5PM PDT)
Emergency Telephone (24 Hours):	800-424-9300 CHEMTREC (Domestic, North America) 703-527-3887 CHEMTREC (International, collect calls accepted)
Material/Trade/Product Name:	**HaloKlear: Gel-Floc MB**
Synonyms:	Chitosan Lactate
Chemical Name:	Chitosan, 2-hydroxypropanoate (salt)
Chemical Formula:	Not available
CAS No.:	66267-50-3
Product Use:	Flocculates soil contamination in storm water.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	HAZARDOUS INGREDIENT (S)	%	OSHA HAZARDOUS?
Trade Secret	*Trade Secret*	85 – 95	YES
Trade Secret	*Trade Secret*	15 – 5	YES

NOTE: See Section 8 for permissible exposure limits.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

A fine, off-white powder with no odor.

This material/product may cause eye or skin irritation.

POTENTIAL HEALTH EFFECTS

EYE: May cause mechanical irritation. Will tend to form film on the surface of the eye causing blurred vision.

SKIN: Possible skin irritation or rash.

INHALATION: May aggravate pre-existing respiratory conditions or allergies. It may accumulate on linings of the nose and lungs resulting in dryness & coughing.

INGESTION: While it is not likely to be hazardous by ingestion, it may start dissolving and form a film on mucous membranes.

CHRONIC EXPOSURE/CARCINOGENICITY: Not known.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: May cause mechanical irritation. Will tend to form film on the surface of the eye causing blurred vision. Skin irritation. It may accumulate on linings of the nose and lungs resulting in dryness & coughing. May start dissolving and form a film on mucous membranes.

AGGRAVATION OF PRE-EXISTING CONDITIONS: May aggravate pre-existing respiratory conditions or allergies.

POTENTIAL ENVIRONMENTAL EFFECTS: Avoid water if material is spilled; water will dissolve chitosan lactate forming a thick viscous solution or gelatinous mass.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYE CONTACT: Remove contact lenses (when applicable) and flush eyes with water for 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION: Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. If available give several glasses of milk. Call a physician or poison control center immediately.

NOTE TO PHYSICIANS: None.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: Not available
UPPER FLAMMABLE LIMIT: Not available
FLAMMABLITY CLASS (OSHA): Not applicable
AUTOIGNITION TEMPERATURE: Not available
LOWER FLAMMABLE LIMIT: Not available
FLAME PROPAGATION/BURNING RATE: Not available

UNIQUE FIRE PROPERTIES: Keep away from oxidizing agents and avoid open flames. Product may ignite at temperatures in excess of 400°F. Depending on moisture content and particle size, airborne dust of Chitosan lactate might explode in the presence of an ignition source. It is comparable to flour and wood dust.

HAZARDOUS COMBUSTION PRODUCTS: None known

EXTINGUISHING MEDIA: Water spray, CO_2 (carbon dioxide), foam or dry chemical.

PROTECTION OF FIREFIGHTERS: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: See Section 8 (Personal Protective Equipment).

ENVIRONMENTAL PRECAUTIONS: AVOID WATER; water will dissolve chitosan lactate forming a thick viscous solution or gelatinous mass.

METHODS FOR CLEANING UP: The material may be vacuumed or collected for recovery or disposal.

SECTION 7: HANDLING AND STORAGE

SAFE *HANDLING* RECOMMENDATIONS

VENTILATION: Use with adequate ventilation.

FIRE PREVENTION: No special requirements.

SPECIAL HANDLING REQUIREMENTS: None.

SAFE *STORAGE* RECOMMENDATIONS

CONTAINMENT: Keep container closed when not in use.

STORAGE ROOM RECOMMENDATIONS: Store in cool, dry areas and away from incompatible substances.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

STORAGE CONDITIONS: Store in cool, dry areas and away from incompatible substances.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation is required. None required under normal conditions of use.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE/FACE PROTECTION: For operations where eye contact can occur, wear safety glasses.

SKIN PROTECTION: For operations where skin contact can occur, wear impervious rubber or neoprene apron.

HAND PROTECTION: For operations where hand contact can occur, wear impervious rubber or neoprene gloves.

RESPIRATORY PROTECTION: If dust is generated, a dust mask may be needed. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

GOOD HYGEIENE/WORK PRACTICES: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

EXPOSURE GUIDELINES

PERMISSIBLE EXPOSURE LIMITS						
INGREDIENT CAS NO.	OSHA		WISHA		ACGIH (TLV)	
	TWA	STEL	TWA	STEL	TWA	STEL

Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Off-white.
PHYSICAL FORM: Fine powder.
pH: Not available
VAPOR DENSITY: Not available
MELTING POINT: Not available
SOLUBILITY IN WATER: Soluble

SHAPE: Fine powder.
ODOR: None
VAPOR PRESSURE: Not available
BOILING POINT: Not available
FREEZING POINT: Not available
SPECIFIC GRAVITY OR DENSITY: Not available

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: None known.

MATERIALS TO AVOID (INCOMPATIBILITY): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD_{50} (mice): >10g/kg

DERMAL LD_{50} (rabbit): Not available.

SKIN IRRITATION: Not available.

EYE IRRITATION: Not available.

SKIN SENSITIZATION: Not available.

ADDITIONAL INFORMATION: Not available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY (in water):

Acute Toxicity

- Daphnia: LC50 – 135 mg/L
- Daphnia: LC25 – Not Calculable
- Fathead Minnows: LC50 – 22.8 mg/L
- Fathead Minnows: LC25 – 16.9 mg/L

- Rainbow Trout: LC50 – 6.4 mg/L
- Rainbow Trout: LC25 – 4.4 mg/L

Chronic Toxicity
- Rainbow Trout: LC50 (survival) – 5.3 mg/L, 7 days
- Rainbow Trout: LC25 (survival) – 4.8 mg/L, 7 days
- Rainbow Trout: EC25 (biomass) – 3.5 mg/L, 7 days
- Fathead Minnows: LC50 (survival) – 25.4 mg/L, 7 days
- Fathead Minnows: LC25 (survival) – Not Calculable
- Fathead Minnows: EC25 (biomass) – 13.9 mg/L, 7 days

MOBILITY: Not available.

PERSISTENCE AND DEGRADABILITY: Not available.

BIOACCUMULATIVE POTENTIAL: Not available.

ADDITIONAL INFORMATION: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT):

Proper Shipping Name:	Not Regulated
Hazard Class:	Not Regulated
Identification Number (UN Number):	Not Regulated
Packing Group (PG):	Not Regulated

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: Listed

CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME	RQ
Not applicable	Not applicable

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

CHEMICAL NAME	TPQ	RQ

Not applicable	Not applicable	Not applicable

SARA TITLE III SECTION 311/312 HAZARD CATEGORIES: Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
YES	NO	NO	NO	NO

SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

CALIFORNIA PROPOSITION 65: The following chemical(s) is/are known to the state of California to cause cancer or reproductive toxicity:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

SECTION 16: OTHER INFORMATION

REVISION INFORMATION:
MSDS sections(s) changed since last revision of document:

- None, this is a new MSDS.

DISCLAIMER:
****
The above information is based upon information HaloSource, Inc. believes to be reliable and is supplied for informational purposes only. HaloSource, Inc. disclaims any liability for damage which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including fitness for a particular purpose) or representation with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose even if that purpose is known to HaloSource, Inc. The final determination of the suitability of the information, the manner of use of the information or product and potential infringement is the sole responsibility of the user.
****

MSDS PREPARED BY: Jeremy Heath, EH&S Manager

User: KHagan

Source: ESRI World Imagery, ESRI, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community. Date of image: 06/18/2010
SPREAD3_IFC_8470SEG1_060313_CL.shp, SPREAD3_IFC_8470SEG1_060313_CROW.shp provided by JFC Engineers & Surveyors on June 18, 2013

Date: 9/11/2013

N

30 0 30 60
Feet

Locations are Approximate

KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO.:	134288
DRAWN:	SEP 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureG1.mxd

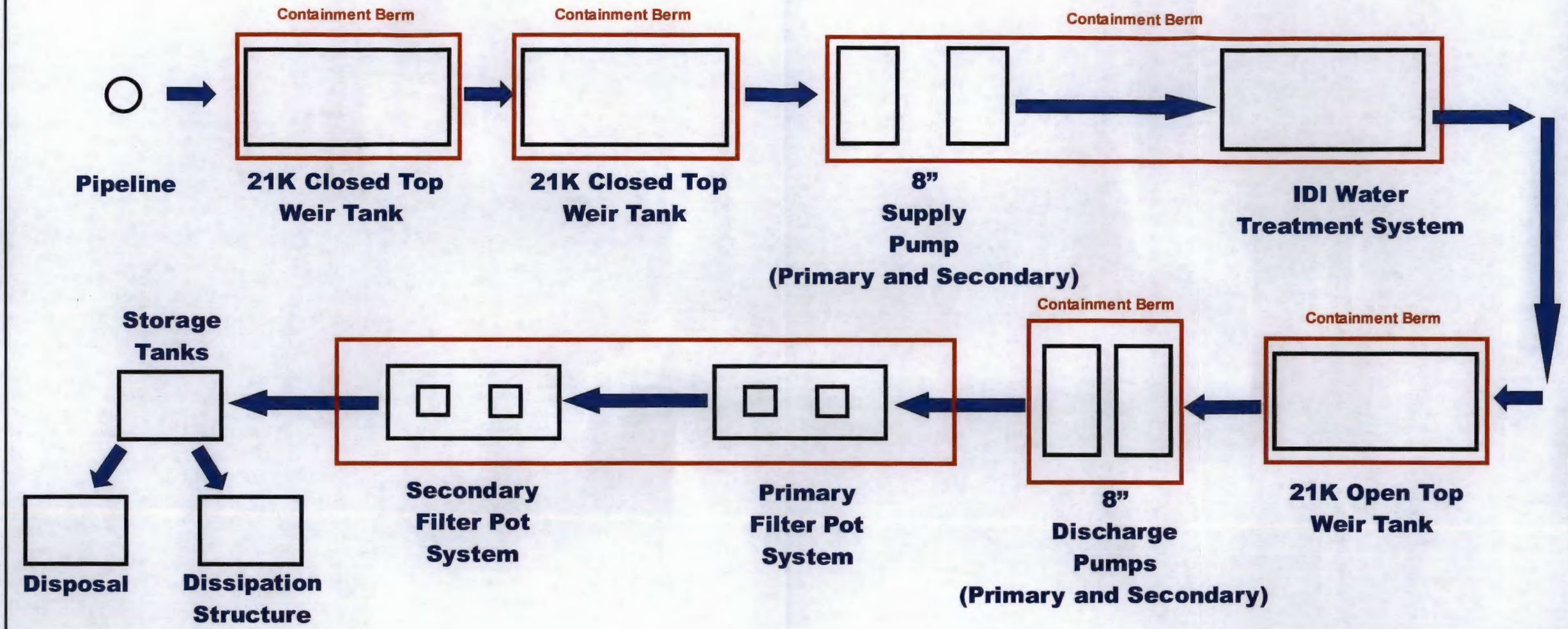
ELECTRO-COAGULATION TREATMENT AND DISCHARGE LOCATION, WEP III SEGMENT 1

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: BE

DRAWING CATEGORY: 1

FIGURE
G-1



Source: IDI; Process Diagram, Hydrostatic Pipeline Water Filtration, Enterprise Products, dated 07/16/13.

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PROJECT NO.:	134288
DRAWN:	AUG 2013
DRAWN BY:	KFH
CHECKED BY:	ES
FILE NAME:	Seg1_FigureG2.mxd

PROCESS DIAGRAM
ELECTRO-COAGULATION FILTRATION SYSTEM

ENTERPRISE PRODUCTS OPERATING LLC
SAN JUAN COUNTY, NEW MEXICO

ORIGINATOR: K. HAGAN
APPROVED BY: ES
DRAWING CATEGORY: 1

FIGURE
G-2

User: KHagan
Date: 8/26/2013

APPENDIX H

Odie Chapman Ponds/Hill Top Well

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 19, 2013

Kay Lambert

HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505
TEL: (970) 243-3271
FAX

RE: Enterprise WEP III Water Sampling OrderNo.: 1303A24

Dear Kay Lambert:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/26/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1303A24**
Date Reported: **4/19/2013**

CLIENT: HRL Compliance Solutions
Project: Enterprise WEP III Water Sampling
Lab ID: 1303A24-001 **Matrix:** AQUEOUS

Client Sample ID: ODIE Chapman Pond 1
Collection Date: 3/26/2013 9:30:00 AM
Received Date: 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	3/27/2013 2:51:35 PM
EPA METHOD 8082: PCB'S						Analyst: **SCC**
Aroclor 1016	ND	1.0		µg/L	1	3/30/2013 9:45:46 AM
Aroclor 1221	ND	1.0		µg/L	1	3/30/2013 9:45:46 AM
Aroclor 1232	ND	1.0		µg/L	1	3/30/2013 9:45:46 AM
Aroclor 1242	ND	1.0		µg/L	1	3/30/2013 9:45:46 AM
Aroclor 1248	ND	1.0		µg/L	1	3/30/2013 9:45:46 AM
Aroclor 1254	ND	1.0		µg/L	1	3/30/2013 9:45:46 AM
Aroclor 1260	ND	1.0		µg/L	1	3/30/2013 9:45:46 AM
Surr: Decachlorobiphenyl	119	23.9-124		%REC	1	3/30/2013 9:45:46 AM
Surr: Tetrachloro-m-xylene	98.4	28.1-139		%REC	1	3/30/2013 9:45:46 AM
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	ND	2.0		µg/L	1	4/9/2013 9:28:24 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	4/9/2013 9:28:24 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	4/9/2013 9:28:24 PM
Acenaphthylene	ND	2.5		µg/L	1	4/9/2013 9:28:24 PM
Acenaphthene	ND	5.0		µg/L	1	4/9/2013 9:28:24 PM
Fluorene	ND	0.80		µg/L	1	4/9/2013 9:28:24 PM
Phenanthrene	ND	0.60		µg/L	1	4/9/2013 9:28:24 PM
Anthracene	ND	0.60		µg/L	1	4/9/2013 9:28:24 PM
Fluoranthene	ND	0.30		µg/L	1	4/9/2013 9:28:24 PM
Pyrene	ND	0.30		µg/L	1	4/9/2013 9:28:24 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/9/2013 9:28:24 PM
Chrysene	ND	0.20		µg/L	1	4/9/2013 9:28:24 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/9/2013 9:28:24 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/9/2013 9:28:24 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/9/2013 9:28:24 PM
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/9/2013 9:28:24 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/9/2013 9:28:24 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/9/2013 9:28:24 PM
Surr: Benzo(e)pyrene	58.7	46.4-106		%REC	1	4/9/2013 9:28:24 PM
EPA METHOD 300.0: ANIONS						Analyst: **JRR**
Fluoride	1.7	0.10		mg/L	1	3/27/2013 2:16:11 PM
Chloride	18	10		mg/L	20	3/27/2013 2:28:35 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	3/27/2013 2:16:11 PM
Sulfate	300	10		mg/L	20	3/27/2013 2:28:35 PM
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**
Aluminum	ND	0.020		mg/L	1	4/2/2013 6:49:57 PM
Barium	0.055	0.0020		mg/L	1	4/2/2013 6:49:57 PM
Boron	0.045	0.040		mg/L	1	4/2/2013 6:49:57 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: ODIE Chapman Pond 1
Project: Enterprise WEP III Water Sampling
Collection Date: 3/26/2013 9:30:00 AM
Lab ID: 1303A24-001 **Matrix:** AQUEOUS **Received Date:** 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**
Cadmium	ND	0.0020		mg/L	1	4/2/2013 6:49:57 PM
Chromium	ND	0.0060		mg/L	1	4/2/2013 6:49:57 PM
Cobalt	ND	0.0060		mg/L	1	4/2/2013 6:49:57 PM
Copper	ND	0.0060		mg/L	1	4/2/2013 6:49:57 PM
Iron	ND	0.020		mg/L	1	4/2/2013 6:49:57 PM
Lead	ND	0.0050		mg/L	1	4/5/2013 1:26:46 PM
Manganese	0.024	0.0020		mg/L	1	4/2/2013 6:49:57 PM
Molybdenum	ND	0.0080		mg/L	1	4/2/2013 6:49:57 PM
Nickel	ND	0.010		mg/L	1	4/2/2013 6:49:57 PM
Silver	ND	0.0050		mg/L	1	4/2/2013 6:49:57 PM
Zinc	ND	0.010		mg/L	1	4/5/2013 1:26:46 PM
EPA 200.8: DISSOLVED METALS						Analyst: **DBD**
Arsenic	0.0031	0.0010		mg/L	1	4/5/2013 3:45:01 PM
Selenium	0.0052	0.0010		mg/L	1	4/5/2013 3:45:01 PM
Uranium	0.030	0.0050	*	mg/L	5	4/12/2013 11:22:02 AM
EPA METHOD 245.1: MERCURY						Analyst: **IDC**
Mercury	ND	0.00020		mg/L	1	4/10/2013 12:01:34 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Toluene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Ethylbenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Naphthalene	ND	2.0		µg/L	1	3/27/2013 8:30:47 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2013 8:30:47 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2013 8:30:47 PM
Acetone	ND	10		µg/L	1	3/27/2013 8:30:47 PM
Bromobenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Bromoform	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Bromomethane	ND	3.0		µg/L	1	3/27/2013 8:30:47 PM
2-Butanone	ND	10		µg/L	1	3/27/2013 8:30:47 PM
Carbon disulfide	ND	10		µg/L	1	3/27/2013 8:30:47 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Chlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Chloroethane	ND	2.0		µg/L	1	3/27/2013 8:30:47 PM
Chloroform	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: ODIE Chapman Pond 1
Project: Enterprise WEP III Water Sampling
Collection Date: 3/26/2013 9:30:00 AM
Lab ID: 1303A24-001 **Matrix:** AQUEOUS **Received Date:** 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Chloromethane	ND	3.0		µg/L	1	3/27/2013 8:30:47 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2013 8:30:47 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Dibromomethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2013 8:30:47 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
2-Hexanone	ND	10		µg/L	1	3/27/2013 8:30:47 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2013 8:30:47 PM
Methylene Chloride	ND	3.0		µg/L	1	3/27/2013 8:30:47 PM
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2013 8:30:47 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Styrene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2013 8:30:47 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2013 8:30:47 PM
Vinyl chloride	ND	1.0		µg/L	1	3/27/2013 8:30:47 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: ODIE Chapman Pond 1
Project: Enterprise WEP III Water Sampling
Collection Date: 3/26/2013 9:30:00 AM
Lab ID: 1303A24-001 **Matrix:** AQUEOUS **Received Date:** 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Xylenes, Total	ND	1.5		µg/L	1	3/27/2013 8:30:47 PM
Surr: 1,2-Dichloroethane-d4	86.7	70-130		%REC	1	3/27/2013 8:30:47 PM
Surr: 4-Bromofluorobenzene	104	69.5-130		%REC	1	3/27/2013 8:30:47 PM
Surr: Dibromofluoromethane	93.1	70-130		%REC	1	3/27/2013 8:30:47 PM
Surr: Toluene-d8	96.5	70-130		%REC	1	3/27/2013 8:30:47 PM
TOTAL PHENOLICS BY SW-846 9067						Analyst: **SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013
SM4500-H+B: PH						Analyst: **JML**
pH	8.32	1.68	H	pH units	1	3/27/2013 6:19:45 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**
Total Dissolved Solids	855	20.0	*	mg/L	1	4/1/2013 8:51:00 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1303A24-003 **Matrix:**
Received Date: 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	3/27/2013 3:07:00 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Toluene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Ethylbenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Naphthalene	ND	2.0		µg/L	1	3/27/2013 8:58:35 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2013 8:58:35 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/27/2013 8:58:35 PM
Acetone	ND	10		µg/L	1	3/27/2013 8:58:35 PM
Bromobenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Bromoform	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Bromomethane	ND	3.0		µg/L	1	3/27/2013 8:58:35 PM
2-Butanone	ND	10		µg/L	1	3/27/2013 8:58:35 PM
Carbon disulfide	ND	10		µg/L	1	3/27/2013 8:58:35 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Chlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Chloroethane	ND	2.0		µg/L	1	3/27/2013 8:58:35 PM
Chloroform	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Chloromethane	ND	3.0		µg/L	1	3/27/2013 8:58:35 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/27/2013 8:58:35 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Dibromomethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/27/2013 8:58:35 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1303A24-003 **Matrix:**
Received Date: 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
2-Hexanone	ND	10		µg/L	1	3/27/2013 8:58:35 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/27/2013 8:58:35 PM
Methylene Chloride	ND	3.0		µg/L	1	3/27/2013 8:58:35 PM
n-Butylbenzene	ND	3.0		µg/L	1	3/27/2013 8:58:35 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Styrene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/27/2013 8:58:35 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/27/2013 8:58:35 PM
Vinyl chloride	ND	1.0		µg/L	1	3/27/2013 8:58:35 PM
Xylenes, Total	ND	1.5		µg/L	1	3/27/2013 8:58:35 PM
Surr: 1,2-Dichloroethane-d4	89.1	70-130		%REC	1	3/27/2013 8:58:35 PM
Surr: 4-Bromofluorobenzene	106	69.5-130		%REC	1	3/27/2013 8:58:35 PM
Surr: Dibromofluoromethane	96.9	70-130		%REC	1	3/27/2013 8:58:35 PM
Surr: Toluene-d8	95.6	70-130		%REC	1	3/27/2013 8:58:35 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	130328028
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1303A24
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	130328028-001	**Sampling Date**	3/26/2013	**Date/Time Received**	3/28/2013 12:00 PM
Client Sample ID	1303A24-001I / ODIE CHAPMAN POND 1			**Sampling Time**	9:30 AM
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/8/2013	CRW	EPA 335.4	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 1303A24
Pace Project No.: 3090656

Sample: 1303A24-001 ODIE Chapman Pond **Lab ID: 3090656001** Collected: 03/26/13 09:30 Received: 03/28/13 09:55 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.0462 ± 0.211 (0.429)**	pCi/L	04/17/13 15:08	13982-63-3	
Radium-228	EPA 904.0	**0.994 ± 0.440 (0.744)**	pCi/L	04/11/13 11:30	15262-20-1	

Date: 04/18/2013 10:37 AM

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1303A24
Pace Project No.: 3090656

QC Batch: RADC/15217
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Associated Lab Samples: 3090656001

METHOD BLANK: 562215
Matrix: Water
Associated Lab Samples: 3090656001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-228	0.728 ± 0.400 (0.718)	pCi/L	04/11/13 12:00	

Date: 04/18/2013 10:37 AM

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1303A24
Pace Project No.: 3090656

QC Batch: RADC/15211
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Associated Lab Samples: 3090656001

METHOD BLANK: 561615
Matrix: Water
Associated Lab Samples: 3090656001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-226	-0.164 ± 0.356 (0.822)	pCi/L	04/17/13 14:21	

Date: 04/18/2013 10:37 AM

REPORT OF LABORATORY ANALYSIS

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date: **2/22/2013**	Analysis Date: **4/2/2013**	SeqNo: **273747** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Barium	ND	0.0020								
Boron	ND	0.040								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Cobalt	ND	0.0060								
Copper	ND	0.0060								
Iron	ND	0.020								
Manganese	ND	0.0020								
Molybdenum	ND	0.0080								
Nickel	ND	0.010								
Silver	ND	0.0050								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273748** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.55	0.020	0.5000	0	110	85	115			
Barium	0.49	0.0020	0.5000	0	98.8	85	115			
Boron	0.50	0.040	0.5000	0	101	85	115			
Cadmium	0.49	0.0020	0.5000	0	99.0	85	115			
Chromium	0.50	0.0060	0.5000	0	101	85	115			
Cobalt	0.49	0.0060	0.5000	0	97.1	85	115			
Copper	0.49	0.0060	0.5000	0	99.0	85	115			
Iron	0.49	0.020	0.5000	0	97.7	85	115			
Manganese	0.51	0.0020	0.5000	0	101	85	115			
Molybdenum	0.49	0.0080	0.5000	0	98.9	85	115			
Nickel	0.47	0.010	0.5000	0	94.9	85	115			
Silver	0.096	0.0050	0.1000	0	95.8	85	115			

Sample ID **1303B69-012AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273802** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0.02401	110	70	130			
Barium	0.50	0.0020	0.5000	0.01066	97.2	70	130			
Cadmium	0.52	0.0020	0.5000	0	104	70	130			
Chromium	0.47	0.0060	0.5000	0	94.2	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303B69-012AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273802** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cobalt	0.49	0.0060	0.5000	0.01697	94.3	70	130			
Copper	0.52	0.0060	0.5000	0	104	70	130			
Molybdenum	0.47	0.0080	0.5000	0	94.0	70	130			
Nickel	0.47	0.010	0.5000	0.03147	87.2	70	130			
Silver	0.11	0.0050	0.1000	0	106	70	130			

Sample ID **1303B69-012AMSD**	SampType: **MSD**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273803** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0.02401	108	70	130	1.54	20	
Barium	0.50	0.0020	0.5000	0.01066	97.2	70	130	0.0242	20	
Cadmium	0.52	0.0020	0.5000	0	104	70	130	0.319	20	
Chromium	0.47	0.0060	0.5000	0	94.3	70	130	0.0934	20	
Cobalt	0.49	0.0060	0.5000	0.01697	94.3	70	130	0.00819	20	
Copper	0.51	0.0060	0.5000	0	103	70	130	0.959	20	
Molybdenum	0.47	0.0080	0.5000	0	94.9	70	130	1.04	20	
Nickel	0.47	0.010	0.5000	0.03147	87.5	70	130	0.261	20	
Silver	0.11	0.0050	0.1000	0	108	70	130	1.39	20	

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273828** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.54	0.020	0.5000	0	109	85	115			
Barium	0.48	0.0020	0.5000	0	96.2	85	115			
Boron	0.50	0.040	0.5000	0	99.8	85	115			
Cadmium	0.49	0.0020	0.5000	0	98.3	85	115			
Chromium	0.50	0.0060	0.5000	0	99.7	85	115			
Cobalt	0.48	0.0060	0.5000	0	95.3	85	115			
Copper	0.50	0.0060	0.5000	0	99.4	85	115			
Iron	0.48	0.020	0.5000	0	96.4	85	115			
Manganese	0.49	0.0020	0.5000	0	98.8	85	115			
Molybdenum	0.49	0.0080	0.5000	0	98.8	85	115			
Nickel	0.47	0.010	0.5000	0	94.7	85	115			
Silver	0.098	0.0050	0.1000	0	98.0	85	115			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303988-002AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273865** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.59	0.020	0.5000	0.02253	114	70	130			
Barium	0.51	0.0020	0.5000	0.008750	100	70	130			
Cadmium	0.54	0.0020	0.5000	0	107	70	130			
Chromium	0.49	0.0060	0.5000	0	97.2	70	130			
Cobalt	0.50	0.0060	0.5000	0.01029	97.7	70	130			
Copper	0.53	0.0060	0.5000	0	106	70	130			
Iron	0.53	0.020	0.5000	0.05043	95.8	70	130			
Manganese	0.75	0.0020	0.5000	0.2698	95.2	70	130			
Molybdenum	0.52	0.0080	0.5000	0.03517	97.1	70	130			
Nickel	0.46	0.010	0.5000	0	91.3	70	130			
Silver	0.10	0.0050	0.1000	0	103	70	130			

Sample ID **1303988-002AMSD**	SampType: **MSD**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273866** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.59	0.020	0.5000	0.02253	114	70	130	0.0288	20	
Barium	0.52	0.0020	0.5000	0.008750	101	70	130	1.14	20	
Cadmium	0.54	0.0020	0.5000	0	109	70	130	1.42	20	
Chromium	0.49	0.0060	0.5000	0	98.6	70	130	1.34	20	
Cobalt	0.51	0.0060	0.5000	0.01029	99.5	70	130	1.82	20	
Copper	0.53	0.0060	0.5000	0	106	70	130	0.713	20	
Iron	0.53	0.020	0.5000	0.05043	96.3	70	130	0.409	20	
Manganese	0.75	0.0020	0.5000	0.2698	96.4	70	130	0.804	20	
Molybdenum	0.53	0.0080	0.5000	0.03517	99.6	70	130	2.34	20	
Nickel	0.47	0.010	0.5000	0	93.2	70	130	2.06	20	
Silver	0.11	0.0050	0.1000	0	107	70	130	3.57	20	

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9737**	RunNo: **9737**
Prep Date: **2/22/2013**	Analysis Date: **4/5/2013**	SeqNo: **277371** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	ND	0.0050								
Zinc	ND	0.010								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9737**	RunNo: **9737**
Prep Date:	Analysis Date: **4/5/2013**	SeqNo: **277372** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.48	0.0050	0.5000	0	96.6	85	115			
Zinc	0.48	0.010	0.5000	0	96.3	85	115			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9693**	RunNo: **9693**
Prep Date:	Analysis Date: **4/5/2013**	SeqNo: **276270** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.026	0.0010	0.02500	0	103	85	115			
Selenium	0.024	0.0010	0.02500	0	97.9	85	115			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9693**	RunNo: **9693**
Prep Date:	Analysis Date: **4/5/2013**	SeqNo: **276271** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Selenium	ND	0.0010								

Sample ID **1303A24-001GMS**	SampType: **MS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **ODIE Chapman Pon**	Batch ID: **R9693**	RunNo: **9693**
Prep Date:	Analysis Date: **4/5/2013**	SeqNo: **276273** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.030	0.0010	0.02500	0.003074	108	70	130			
Selenium	0.031	0.0010	0.02500	0.005241	102	70	130			

Sample ID **1303A24-001GMS**	SampType: **MS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **ODIE Chapman Pon**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279839** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	0.16	0.0050	0.1250	0.03007	100	70	130			

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279843** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	0.025	0.0010	0.02500	0	99.4	85	115			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279844** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	ND	0.0010								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6886**	SampType: **mblk**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **PBW**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278088** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID **LCS-6886**	SampType: **lcs**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **LCSW**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278089** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	98.7	80	120			

Sample ID **1304188-001AMS**	SampType: **ms**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **BatchQC**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278092** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0047	0.00020	0.005000	0	94.9	75	125			

Sample ID **1304188-001AMSD**	SampType: **msd**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **BatchQC**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278093** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0048	0.00020	0.005000	0	96.2	75	125	1.31	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270383** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270385** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	97.7	90	110			
Chloride	4.7	0.50	5.000	0	93.8	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.1	90	110			
Sulfate	9.5	0.50	10.00	0	94.8	90	110			

Sample ID **1303A25-001EMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270410** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.66	0.10	0.5000	0.1862	94.3	76.6	110			
Chloride	7.5	0.50	5.000	2.616	96.8	87.8	111			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0.03120	98.0	90.4	113			

Sample ID **1303A25-001EMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270411** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.66	0.10	0.5000	0.1862	94.8	76.6	110	0.395	20	
Chloride	7.5	0.50	5.000	2.616	98.4	87.8	111	1.04	20	
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0.03120	98.5	90.4	113	0.462	20	

Sample ID **1303A26-001EMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270413** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.4	0.10	0.5000	1.003	69.8	76.6	110			S
Chloride	18	0.50	5.000	12.88	109	87.8	111			
Nitrogen, Nitrate (As N)	2.8	0.10	2.500	0.2940	98.7	90.4	113			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303A26-001EMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270414** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.3	0.10	0.5000	1.003	56.0	76.6	110	5.24	20	S
Chloride	18	0.50	5.000	12.88	108	87.8	111	0.117	20	
Nitrogen, Nitrate (As N)	2.8	0.10	2.500	0.2940	98.9	90.4	113	0.214	20	

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270445** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270446** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.50	0.10	0.5000	0	99.7	90	110			
Chloride	4.7	0.50	5.000	0	94.3	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.7	90	110			
Sulfate	9.6	0.50	10.00	0	95.6	90	110			

Sample ID **1303A75-002AMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **270456** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.3	0.10	0.5000	0.8486	93.5	76.6	110			
Nitrogen, Nitrate (As N)	3.5	0.10	2.500	0.9291	103	90.4	113			

Sample ID **1303A75-002AMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **270457** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.3	0.10	0.5000	0.8486	95.6	76.6	110	0.795	20	
Nitrogen, Nitrate (As N)	3.5	0.10	2.500	0.9291	104	90.4	113	0.693	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6695**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **6695**	RunNo: **9472**
Prep Date: **3/27/2013**	Analysis Date: **3/27/2013**	SeqNo: **270323** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID **LCS-6695**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **6695**	RunNo: **9472**
Prep Date: **3/27/2013**	Analysis Date: **3/27/2013**	SeqNo: **270324** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.11	0.010	0.1000	0	106	70	130			

Sample ID **LCSD-6695**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **6695**	RunNo: **9472**
Prep Date: **3/27/2013**	Analysis Date: **3/27/2013**	SeqNo: **270326** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.11	0.010	0.1000	0	108	70	130	1.87	0	

Qualifiers:

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- RL Reporting Detection Limit
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- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6681**	SampType: **MBLK**	TestCode: **EPA Method 8082: PCB's**
Client ID: **PBW**	Batch ID: **6681**	RunNo: **9533**
Prep Date: **3/27/2013**	Analysis Date: **3/29/2013**	SeqNo: **272050** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.5		2.500		99.6	23.9	124			
Surr: Tetrachloro-m-xylene	2.1		2.500		82.4	28.1	139			

Sample ID **LCS-6681**	SampType: **LCS**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSW**	Batch ID: **6681**	RunNo: **9533**
Prep Date: **3/27/2013**	Analysis Date: **3/29/2013**	SeqNo: **272052** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.8	1.0	5.000	0	55.8	32.3	121			
Aroclor 1260	4.1	1.0	5.000	0	82.5	34	128			
Surr: Decachlorobiphenyl	2.3		2.500		93.6	23.9	124			
Surr: Tetrachloro-m-xylene	1.8		2.500		74.0	28.1	139			

Sample ID **LCSD-6681**	SampType: **LCSD**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSS02**	Batch ID: **6681**	RunNo: **9533**
Prep Date: **3/27/2013**	Analysis Date: **3/29/2013**	SeqNo: **272054** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.4	1.0	5.000	0	47.4	32.3	121	16.3	29.9	
Aroclor 1260	3.5	1.0	5.000	0	69.2	34	128	17.5	25.9	
Surr: Decachlorobiphenyl	1.9		2.500		77.2	23.9	124	0	0	
Surr: Tetrachloro-m-xylene	1.5		2.500		61.6	28.1	139	0	0	

Qualifiers:

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- E Value above quantitation range
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- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5ml-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270282** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5ml-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270282** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.7		10.00		87.2	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	69.5	130			
Surr: Dibromofluoromethane	9.6		10.00		95.8	70	130			
Surr: Toluene-d8	9.6		10.00		96.1	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270285** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	70	130			
Toluene	20	1.0	20.00	0	99.2	80	120			
Chlorobenzene	19	1.0	20.00	0	96.0	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	104	85.8	133			
Trichloroethene (TCE)	19	1.0	20.00	0	93.6	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270285** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	8.8		10.00		88.1	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	69.5	130			
Surr: Dibromofluoromethane	9.2		10.00		92.4	70	130			
Surr: Toluene-d8	9.4		10.00		94.4	70	130			

Sample ID **1303a13-001a ms**	SampType: **MS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BatchQC**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270301** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	20	1.0	20.00	0	98.7	68.5	128			
Chlorobenzene	19	1.0	20.00	0	97.4	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	104	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	93.6	61.3	102			
Surr: 1,2-Dichloroethane-d4	8.7		10.00		87.1	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	69.5	130			
Surr: Dibromofluoromethane	9.4		10.00		94.3	70	130			
Surr: Toluene-d8	9.5		10.00		95.1	70	130			

Sample ID **1303a13-001a msd**	SampType: **MSD**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BatchQC**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270302** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130	0.0383	20	
Toluene	19	1.0	20.00	0	95.1	68.5	128	3.73	20	
Chlorobenzene	19	1.0	20.00	0	94.0	70	130	3.53	20	
1,1-Dichloroethene	20	1.0	20.00	0	101	70	130	3.66	20	
Trichloroethene (TCE)	18	1.0	20.00	0	91.8	61.3	102	1.98	20	
Surr: 1,2-Dichloroethane-d4	9.1		10.00		91.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	10		10.00		101	69.5	130	0	0	
Surr: Dibromofluoromethane	9.5		10.00		95.3	70	130	0	0	
Surr: Toluene-d8	9.4		10.00		94.1	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
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- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6682**	SampType: **MBLK**	TestCode: **EPA Method 8310: PAHs**
Client ID: **PBW**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277429** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	2.0								
2-Methylnaphthalene	ND	2.0								
Acenaphthylene	ND	2.5								
Acenaphthene	ND	5.0								
Fluorene	ND	0.80								
Phenanthrene	ND	0.60								
Anthracene	ND	0.60								
Fluoranthene	ND	0.30								
Pyrene	ND	0.30								
Benz(a)anthracene	ND	0.070								
Chrysene	ND	0.20								
Benzo(b)fluoranthene	ND	0.10								
Benzo(k)fluoranthene	ND	0.070								
Benzo(a)pyrene	ND	0.070								
Dibenz(a,h)anthracene	ND	0.12								
Benzo(g,h,i)perylene	ND	0.080								
Indeno(1,2,3-cd)pyrene	ND	0.080								
Surr: Benzo(e)pyrene	14		20.00		69.0	46.4	106			

Sample ID **LCS-6682**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277437** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	55	2.0	80.00	0	69.3	46	82.9			
1-Methylnaphthalene	58	2.0	80.20	0	72.3	47.2	85.8			
2-Methylnaphthalene	58	2.0	80.00	0	72.1	48.4	84.6			
Acenaphthylene	100	2.5	80.20	0	130	58.7	78.7			S
Acenaphthene	59	5.0	80.00	0	74.3	55.3	85.1			
Fluorene	5.0	0.80	8.020	0	62.1	31.9	82.2			
Phenanthrene	2.4	0.60	4.020	0	60.4	54.5	81.9			
Anthracene	2.5	0.60	4.020	0	61.2	51.9	82.7			
Fluoranthene	5.3	0.30	8.020	0	66.1	57.6	83.7			
Pyrene	4.7	0.30	8.020	0	59.1	53.1	70.4			
Benz(a)anthracene	0.58	0.070	0.8020	0	72.3	48	85.7			
Chrysene	2.6	0.20	4.020	0	65.7	44.3	78.2			
Benzo(b)fluoranthene	0.74	0.10	1.002	0	73.9	60	90.4			
Benzo(k)fluoranthene	0.44	0.070	0.5000	0	88.0	61.4	89			
Benzo(a)pyrene	0.43	0.070	0.5020	0	85.7	63.5	88.6			

Qualifiers:

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- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS-6682**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277437** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dibenz(a,h)anthracene	0.88	0.12	1.002	0	87.8	57	92.6			
Benzo(g,h,i)perylene	0.88	0.080	1.000	0	88.0	55.4	95.9			
Indeno(1,2,3-cd)pyrene	1.6	0.080	2.004	0	80.3	52.7	88.6			
Surr: Benzo(e)pyrene	16		20.00		79.0	46.4	106			

Sample ID **LCSD-6682**	SampType: **LCSD**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSS02**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277440** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	59	2.0	80.00	0	73.5	46	82.9	5.94	20	
1-Methylnaphthalene	62	2.0	80.20	0	76.9	47.2	85.8	6.20	20	
2-Methylnaphthalene	62	2.0	80.00	0	77.3	48.4	84.6	6.96	20	
Acenaphthylene	110	2.5	80.20	0	137	58.7	78.7	5.33	20	S
Acenaphthene	65	5.0	80.00	0	80.9	55.3	85.1	8.49	20	
Fluorene	5.5	0.80	8.020	0	69.0	31.9	82.2	10.5	20	
Phenanthrene	2.8	0.60	4.020	0	70.1	54.5	81.9	14.9	20	
Anthracene	2.8	0.60	4.020	0	69.9	51.9	82.7	13.3	20	
Fluoranthene	6.2	0.30	8.020	0	76.7	57.6	83.7	14.8	20	
Pyrene	5.2	0.30	8.020	0	64.3	53.1	70.4	8.48	20	
Benz(a)anthracene	0.68	0.070	0.8020	0	84.8	48	85.7	15.9	20	
Chrysene	3.1	0.20	4.020	0	77.9	44.3	78.2	17.0	20	
Benzo(b)fluoranthene	0.81	0.10	1.002	0	80.8	60	90.4	9.03	20	
Benzo(k)fluoranthene	0.44	0.070	0.5000	0	88.0	61.4	89	0	20	
Benzo(a)pyrene	0.43	0.070	0.5020	0	85.7	63.5	88.6	0	20	
Dibenz(a,h)anthracene	0.79	0.12	1.002	0	78.8	57	92.6	10.8	20	
Benzo(g,h,i)perylene	0.80	0.080	1.000	0	80.0	55.4	95.9	9.52	20	
Indeno(1,2,3-cd)pyrene	1.8	0.080	2.004	0	88.3	52.7	88.6	9.47	20	
Surr: Benzo(e)pyrene	16		20.00		78.1	46.4	106	0		

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6969**	SampType: **MBLK**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **PBW**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280297** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	ND	2.5								

Sample ID **LCS-6969**	SampType: **LCS**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **LCSW**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280298** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	19	2.5	20.00	0	93.2	81.1	120			

Sample ID **LCSD-6969**	SampType: **LCSD**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **LCSS02**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280319** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	20	2.5	20.00	0	99.0	81.1	120	5.97	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID	**1303a75-006a dup**	SampType: **dup**		TestCode: **SM4500-H+B: pH**						
Client ID:	**BatchQC**	Batch ID: **R9475**		RunNo: **9475**						
Prep Date:		Analysis Date: **3/27/2013**		SeqNo: **270581**		Units: **pH units**				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.67	1.68								H

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A24**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6727**	SampType: **MBLK**			TestCode: **SM2540C MOD: Total Dissolved Solids**					
Client ID: **PBW**	Batch ID: **6727**			RunNo: **9534**					
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**			SeqNo: **272090**		Units: **mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID **LCS-6727**	SampType: **LCS**			TestCode: **SM2540C MOD: Total Dissolved Solids**					
Client ID: **LCSW**	Batch ID: **6727**			RunNo: **9534**					
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**			SeqNo: **272091**		Units: **mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	18.00	101	80	120			

Sample ID **1303A71-003AMS**	SampType: **MS**			TestCode: **SM2540C MOD: Total Dissolved Solids**					
Client ID: **BatchQC**	Batch ID: **6727**			RunNo: **9534**					
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**			SeqNo: **272111**		Units: **mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1310	20.0	1000	330.0	98.4	80	120			

Sample ID **1303A71-003AMSD**	SampType: **MSD**			TestCode: **SM2540C MOD: Total Dissolved Solids**					
Client ID: **BatchQC**	Batch ID: **6727**			RunNo: **9534**					
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**			SeqNo: **272112**		Units: **mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1340	20.0	1000	330.0	101	80	120	1.96	5	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HRL COMPLIANCE SOL Work Order Number: 1303A24 RcptNo: 1

Received by/date: MG 03/26/13

Logged By: **Ashley Gallegos** 3/26/2013 3:40:00 PM

Completed By: **Ashley Gallegos** 3/26/2013 4:15:03 PM

Reviewed By: 03/27/13

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Client		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 6 (<2 or >12 unless noted)

Adjusted? No

Checked by: mg

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.1	Good	Not Present			

Chain-of-Custody Record

Client: HRL Compliance Solutions Inc.

Mailing Address: 2385 F½ RD
Grand Junction CO 81635

Phone #: 970 243 3271

email or Fax#: KROWE@HRLcomp.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____

Project Name: Enterprise WEP III Water Sampling

Project #: 13-110.02

Project Manager: Kay Lambert

Sampler: Kris Rowe

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.1

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1303
3/26/13	0930	SW	ODIE CHAPMAN - Pond 1		4° and See cont	-001
			Trip Blank			~~-002~~
						-003

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)		CWQCC			Air Bubbles (Y or N)
X	X	X	X	X	X	X	X	X	X	X		X			
												X			

03/27/13

Date:	Time:	Relinquished by:	Received by:	Date	Time
3/26/13	1540			03/26/13	1540
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: see Attatch list (CWQCC) dlc 3/26/13

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

WQCC Bottles for ONE sample:

TEST	BOTTLE TYPE AND PRESERVATIVE
8260	3 x 40 mL HCl VOAs
504.1 EDB	2 x 40 mL Na2S2O3 VOAs
8082 PCB	2 x 1 liter unpreserved amber
8310 PAH	1 x 1 liter unpreserved amber
Phenols	1 x 1 liter H2SO4 amber
Anions, TDS, pH	1 x 500 mL unpreserved plastic 1 x 125 mL H2SO4 plastic
Mercury	1 x 500 mL HNO3 plastic
Dissolved Metals	1 x 125 HNO3 plastic + filter & syringe
Total Cyanide	1 x 500 NaOH plastic amber
Radium 226/228	2 x 1 liter HNO3 plastic

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 19, 2013

Kay Lambert
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505
TEL: (970) 243-3271
FAX

RE: Enterprise WEP III Water Sampling OrderNo.: 1303A26

Dear Kay Lambert:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/26/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: ODIE Chapman Pond 2
Project: Enterprise WEP III Water Sampling
Collection Date: 3/26/2013 10:15:00 AM
Lab ID: 1303A26-001 **Matrix:** AQUEOUS **Received Date:** 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	3/27/2013 3:53:51 PM
EPA METHOD 8082: PCB'S						Analyst: **SCC**
Aroclor 1016	ND	1.0		µg/L	1	3/30/2013 11:16:31 AM
Aroclor 1221	ND	1.0		µg/L	1	3/30/2013 11:16:31 AM
Aroclor 1232	ND	1.0		µg/L	1	3/30/2013 11:16:31 AM
Aroclor 1242	ND	1.0		µg/L	1	3/30/2013 11:16:31 AM
Aroclor 1248	ND	1.0		µg/L	1	3/30/2013 11:16:31 AM
Aroclor 1254	ND	1.0		µg/L	1	3/30/2013 11:16:31 AM
Aroclor 1260	ND	1.0		µg/L	1	3/30/2013 11:16:31 AM
Surr: Decachlorobiphenyl	110	23.9-124		%REC	1	3/30/2013 11:16:31 AM
Surr: Tetrachloro-m-xylene	93.2	28.1-139		%REC	1	3/30/2013 11:16:31 AM
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	ND	2.0		µg/L	1	4/9/2013 10:27:02 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	4/9/2013 10:27:02 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	4/9/2013 10:27:02 PM
Acenaphthylene	ND	2.5		µg/L	1	4/9/2013 10:27:02 PM
Acenaphthene	ND	5.0		µg/L	1	4/9/2013 10:27:02 PM
Fluorene	ND	0.80		µg/L	1	4/9/2013 10:27:02 PM
Phenanthrene	ND	0.60		µg/L	1	4/9/2013 10:27:02 PM
Anthracene	ND	0.60		µg/L	1	4/9/2013 10:27:02 PM
Fluoranthene	ND	0.30		µg/L	1	4/9/2013 10:27:02 PM
Pyrene	ND	0.30		µg/L	1	4/9/2013 10:27:02 PM
Benz(a)anthracene	ND	0.070		µg/L	1	4/9/2013 10:27:02 PM
Chrysene	ND	0.20		µg/L	1	4/9/2013 10:27:02 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/9/2013 10:27:02 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/9/2013 10:27:02 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	4/9/2013 10:27:02 PM
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/9/2013 10:27:02 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	4/9/2013 10:27:02 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/9/2013 10:27:02 PM
Surr: Benzo(e)pyrene	60.4	46.4-106		%REC	1	4/9/2013 10:27:02 PM
EPA METHOD 300.0: ANIONS						Analyst: **JRR**
Fluoride	1.0	0.10		mg/L	1	3/27/2013 4:07:52 PM
Chloride	13	0.50		mg/L	1	3/27/2013 4:07:52 PM
Nitrogen, Nitrate (As N)	0.29	0.10		mg/L	1	3/27/2013 4:07:52 PM
Sulfate	640	10		mg/L	20	3/27/2013 4:45:05 PM
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**
Aluminum	ND	0.020		mg/L	1	4/2/2013 7:00:19 PM
Barium	0.038	0.0020		mg/L	1	4/2/2013 7:00:19 PM
Boron	0.065	0.040		mg/L	1	4/2/2013 7:00:19 PM

Qualifiers:

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P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: ODIE Chapman Pond 2
Project: Enterprise WEP III Water Sampling
Collection Date: 3/26/2013 10:15:00 AM
Lab ID: 1303A26-001
Matrix: AQUEOUS
Received Date: 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**
Cadmium	ND	0.0020		mg/L	1	4/2/2013 7:00:19 PM
Chromium	ND	0.0060		mg/L	1	4/2/2013 7:00:19 PM
Cobalt	ND	0.0060		mg/L	1	4/2/2013 7:00:19 PM
Copper	ND	0.0060		mg/L	1	4/2/2013 7:00:19 PM
Iron	ND	0.020		mg/L	1	4/2/2013 7:00:19 PM
Manganese	0.021	0.0020		mg/L	1	4/2/2013 7:00:19 PM
Molybdenum	ND	0.0080		mg/L	1	4/2/2013 7:00:19 PM
Nickel	ND	0.010		mg/L	1	4/2/2013 7:00:19 PM
Silver	ND	0.0050		mg/L	1	4/2/2013 7:00:19 PM
Zinc	ND	0.010		mg/L	1	4/5/2013 1:31:52 PM
EPA 200.8: DISSOLVED METALS						Analyst: **DBD**
Arsenic	0.0010	0.0010		mg/L	1	4/12/2013 11:41:45 AM
Lead	ND	0.0010		mg/L	1	4/12/2013 11:41:45 AM
Selenium	0.0055	0.0010		mg/L	1	4/12/2013 11:41:45 AM
Uranium	0.029	0.0010		mg/L	1	4/12/2013 11:41:45 AM
EPA METHOD 245.1: MERCURY						Analyst: **IDC**
Mercury	ND	0.00020		mg/L	1	4/10/2013 12:10:25 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Toluene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Ethylbenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Naphthalene	ND	2.0		µg/L	1	3/28/2013 1:14:04 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/28/2013 1:14:04 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/28/2013 1:14:04 AM
Acetone	ND	10		µg/L	1	3/28/2013 1:14:04 AM
Bromobenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Bromodichloromethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Bromoform	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Bromomethane	ND	3.0		µg/L	1	3/28/2013 1:14:04 AM
2-Butanone	ND	10		µg/L	1	3/28/2013 1:14:04 AM
Carbon disulfide	ND	10		µg/L	1	3/28/2013 1:14:04 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Chlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Chloroethane	ND	2.0		µg/L	1	3/28/2013 1:14:04 AM
Chloroform	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: ODIE Chapman Pond 2
Project: Enterprise WEP III Water Sampling
Collection Date: 3/26/2013 10:15:00 AM
Lab ID: 1303A26-001
Matrix: AQUEOUS
Received Date: 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Chloromethane	ND	3.0		µg/L	1	3/28/2013 1:14:04 AM
2-Chlorotoluene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
4-Chlorotoluene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
cis-1,2-DCE	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/28/2013 1:14:04 AM
Dibromochloromethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Dibromomethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/28/2013 1:14:04 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
2-Hexanone	ND	10		µg/L	1	3/28/2013 1:14:04 AM
Isopropylbenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/28/2013 1:14:04 AM
Methylene Chloride	ND	3.0		µg/L	1	3/28/2013 1:14:04 AM
n-Butylbenzene	ND	3.0		µg/L	1	3/28/2013 1:14:04 AM
n-Propylbenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
sec-Butylbenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Styrene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
tert-Butylbenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/28/2013 1:14:04 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
trans-1,2-DCE	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/28/2013 1:14:04 AM
Vinyl chloride	ND	1.0		µg/L	1	3/28/2013 1:14:04 AM

Qualifiers:

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J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: ODIE Chapman Pond 2
Project: Enterprise WEP III Water Sampling
Collection Date: 3/26/2013 10:15:00 AM
Lab ID: 1303A26-001 **Matrix:** AQUEOUS **Received Date:** 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Xylenes, Total	ND	1.5		µg/L	1	3/28/2013 1:14:04 AM
Surr: 1,2-Dichloroethane-d4	86.9	70-130		%REC	1	3/28/2013 1:14:04 AM
Surr: 4-Bromofluorobenzene	108	69.5-130		%REC	1	3/28/2013 1:14:04 AM
Surr: Dibromofluoromethane	94.3	70-130		%REC	1	3/28/2013 1:14:04 AM
Surr: Toluene-d8	97.4	70-130		%REC	1	3/28/2013 1:14:04 AM
TOTAL PHENOLICS BY SW-846 9067						Analyst: **SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013
SM4500-H+B: PH						Analyst: **JML**
pH	8.05	1.68	H	pH units	1	3/27/2013 6:27:59 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**
Total Dissolved Solids	1260	20.0	*	mg/L	1	4/1/2013 8:51:00 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1303A26-002
Matrix: TRIP BLANK
Received Date: 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	3/27/2013 4:09:18 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Toluene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Ethylbenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Naphthalene	ND	2.0		µg/L	1	3/28/2013 1:41:56 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/28/2013 1:41:56 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/28/2013 1:41:56 AM
Acetone	ND	10		µg/L	1	3/28/2013 1:41:56 AM
Bromobenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Bromodichloromethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Bromoform	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Bromomethane	ND	3.0		µg/L	1	3/28/2013 1:41:56 AM
2-Butanone	ND	10		µg/L	1	3/28/2013 1:41:56 AM
Carbon disulfide	ND	10		µg/L	1	3/28/2013 1:41:56 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Chlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Chloroethane	ND	2.0		µg/L	1	3/28/2013 1:41:56 AM
Chloroform	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Chloromethane	ND	3.0		µg/L	1	3/28/2013 1:41:56 AM
2-Chlorotoluene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
4-Chlorotoluene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
cis-1,2-DCE	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/28/2013 1:41:56 AM
Dibromochloromethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Dibromomethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/28/2013 1:41:56 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1303A26-002
Matrix: TRIP BLANK
Received Date: 3/26/2013 3:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
2-Hexanone	ND	10		µg/L	1	3/28/2013 1:41:56 AM
Isopropylbenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/28/2013 1:41:56 AM
Methylene Chloride	ND	3.0		µg/L	1	3/28/2013 1:41:56 AM
n-Butylbenzene	ND	3.0		µg/L	1	3/28/2013 1:41:56 AM
n-Propylbenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
sec-Butylbenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Styrene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
tert-Butylbenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/28/2013 1:41:56 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
trans-1,2-DCE	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/28/2013 1:41:56 AM
Vinyl chloride	ND	1.0		µg/L	1	3/28/2013 1:41:56 AM
Xylenes, Total	ND	1.5		µg/L	1	3/28/2013 1:41:56 AM
Surr: 1,2-Dichloroethane-d4	87.9	70-130		%REC	1	3/28/2013 1:41:56 AM
Surr: 4-Bromofluorobenzene	104	69.5-130		%REC	1	3/28/2013 1:41:56 AM
Surr: Dibromofluoromethane	93.9	70-130		%REC	1	3/28/2013 1:41:56 AM
Surr: Toluene-d8	96.1	70-130		%REC	1	3/28/2013 1:41:56 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	130328026
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1303A26
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	130328026-001	**Sampling Date**	3/26/2013	**Date/Time Received**	3/28/2013 12:00 PM
Client Sample ID	1303A26-001I / ODIE CHAPMAN POND 2			**Sampling Time**	10:15 AM
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/8/2013	CRW	EPA 335.4	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 1303A26
Pace Project No.: 3090660

Sample: 1303A26-001 ODIE Chapman Pond **Lab ID: 3090660001** Collected: 03/26/13 10:15 Received: 03/28/13 09:55 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.000 ± 0.258 (0.416)**	pCi/L	04/17/13 15:38	13982-63-3	
Radium-228	EPA 904.0	**0.435 ± 0.371 (0.753)**	pCi/L	04/11/13 11:29	15262-20-1	

Date: 04/18/2013 10:41 AM

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1303A26
Pace Project No.: 3090660

QC Batch: RADC/15217
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Associated Lab Samples: 3090660001

METHOD BLANK: 562215
Matrix: Water
Associated Lab Samples: 3090660001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-228	0.728 ± 0.400 (0.718)	pCi/L	04/11/13 12:00	

Date: 04/18/2013 10:41 AM

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1303A26
Pace Project No.: 3090660

QC Batch: RADC/15211
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Associated Lab Samples: 3090660001

METHOD BLANK: 561615
Matrix: Water
Associated Lab Samples: 3090660001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-226	-0.164 ± 0.356 (0.822)	pCi/L	04/17/13 14:21	

Date: 04/18/2013 10:41 AM

REPORT OF LABORATORY ANALYSIS

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date: **2/22/2013**	Analysis Date: **4/2/2013**	SeqNo: **273747** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Barium	ND	0.0020								
Boron	ND	0.040								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Cobalt	ND	0.0060								
Copper	ND	0.0060								
Iron	ND	0.020								
Manganese	ND	0.0020								
Molybdenum	ND	0.0080								
Nickel	ND	0.010								
Silver	ND	0.0050								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273748** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.55	0.020	0.5000	0	110	85	115			
Barium	0.49	0.0020	0.5000	0	98.8	85	115			
Boron	0.50	0.040	0.5000	0	101	85	115			
Cadmium	0.49	0.0020	0.5000	0	99.0	85	115			
Chromium	0.50	0.0060	0.5000	0	101	85	115			
Cobalt	0.49	0.0060	0.5000	0	97.1	85	115			
Copper	0.49	0.0060	0.5000	0	99.0	85	115			
Iron	0.49	0.020	0.5000	0	97.7	85	115			
Manganese	0.51	0.0020	0.5000	0	101	85	115			
Molybdenum	0.49	0.0080	0.5000	0	98.9	85	115			
Nickel	0.47	0.010	0.5000	0	94.9	85	115			
Silver	0.096	0.0050	0.1000	0	95.8	85	115			

Sample ID **1303B69-012AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273802** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0.02401	110	70	130			
Barium	0.50	0.0020	0.5000	0.01066	97.2	70	130			
Cadmium	0.52	0.0020	0.5000	0	104	70	130			
Chromium	0.47	0.0060	0.5000	0	94.2	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2
- R RPD outside accepted recovery limits
- RL Reporting Detection Limit
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303B69-012AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273802** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cobalt	0.49	0.0060	0.5000	0.01697	94.3	70	130			
Copper	0.52	0.0060	0.5000	0	104	70	130			
Molybdenum	0.47	0.0080	0.5000	0	94.0	70	130			
Nickel	0.47	0.010	0.5000	0.03147	87.2	70	130			
Silver	0.11	0.0050	0.1000	0	106	70	130			

Sample ID **1303B69-012AMSD**	SampType: **MSD**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273803** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0.02401	108	70	130	1.54	20	
Barium	0.50	0.0020	0.5000	0.01066	97.2	70	130	0.0242	20	
Cadmium	0.52	0.0020	0.5000	0	104	70	130	0.319	20	
Chromium	0.47	0.0060	0.5000	0	94.3	70	130	0.0934	20	
Cobalt	0.49	0.0060	0.5000	0.01697	94.3	70	130	0.00819	20	
Copper	0.51	0.0060	0.5000	0	103	70	130	0.959	20	
Molybdenum	0.47	0.0080	0.5000	0	94.9	70	130	1.04	20	
Nickel	0.47	0.010	0.5000	0.03147	87.5	70	130	0.261	20	
Silver	0.11	0.0050	0.1000	0	108	70	130	1.39	20	

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273828** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.54	0.020	0.5000	0	109	85	115			
Barium	0.48	0.0020	0.5000	0	96.2	85	115			
Boron	0.50	0.040	0.5000	0	99.8	85	115			
Cadmium	0.49	0.0020	0.5000	0	98.3	85	115			
Chromium	0.50	0.0060	0.5000	0	99.7	85	115			
Cobalt	0.48	0.0060	0.5000	0	95.3	85	115			
Copper	0.50	0.0060	0.5000	0	99.4	85	115			
Iron	0.48	0.020	0.5000	0	96.4	85	115			
Manganese	0.49	0.0020	0.5000	0	98.8	85	115			
Molybdenum	0.49	0.0080	0.5000	0	98.8	85	115			
Nickel	0.47	0.010	0.5000	0	94.7	85	115			
Silver	0.098	0.0050	0.1000	0	98.0	85	115			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303988-002AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273865** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.59	0.020	0.5000	0.02253	114	70	130			
Barium	0.51	0.0020	0.5000	0.008750	100	70	130			
Cadmium	0.54	0.0020	0.5000	0	107	70	130			
Chromium	0.49	0.0060	0.5000	0	97.2	70	130			
Cobalt	0.50	0.0060	0.5000	0.01029	97.7	70	130			
Copper	0.53	0.0060	0.5000	0	106	70	130			
Iron	0.53	0.020	0.5000	0.05043	95.8	70	130			
Manganese	0.75	0.0020	0.5000	0.2698	95.2	70	130			
Molybdenum	0.52	0.0080	0.5000	0.03517	97.1	70	130			
Nickel	0.46	0.010	0.5000	0	91.3	70	130			
Silver	0.10	0.0050	0.1000	0	103	70	130			

Sample ID **1303988-002AMSD**	SampType: **MSD**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273866** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.59	0.020	0.5000	0.02253	114	70	130	0.0288	20	
Barium	0.52	0.0020	0.5000	0.008750	101	70	130	1.14	20	
Cadmium	0.54	0.0020	0.5000	0	109	70	130	1.42	20	
Chromium	0.49	0.0060	0.5000	0	98.6	70	130	1.34	20	
Cobalt	0.51	0.0060	0.5000	0.01029	99.5	70	130	1.82	20	
Copper	0.53	0.0060	0.5000	0	106	70	130	0.713	20	
Iron	0.53	0.020	0.5000	0.05043	96.3	70	130	0.409	20	
Manganese	0.75	0.0020	0.5000	0.2698	96.4	70	130	0.804	20	
Molybdenum	0.53	0.0080	0.5000	0.03517	99.6	70	130	2.34	20	
Nickel	0.47	0.010	0.5000	0	93.2	70	130	2.06	20	
Silver	0.11	0.0050	0.1000	0	107	70	130	3.57	20	

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9737**	RunNo: **9737**
Prep Date: **2/22/2013**	Analysis Date: **4/5/2013**	SeqNo: **277371** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Zinc	ND	0.010								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9737**	RunNo: **9737**
Prep Date:	Analysis Date: **4/5/2013**	SeqNo: **277372** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9737**	RunNo: **9737**
Prep Date:	Analysis Date: **4/5/2013**	SeqNo: **277372** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Zinc	0.48	0.010	0.5000	0	96.3	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303A24-001GMS**	SampType: **MS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279839** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	0.16	0.0050	0.1250	0.03007	100	70	130			

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279843** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.024	0.0010	0.02500	0	95.1	85	115			
Lead	0.025	0.0010	0.02500	0	100	85	115			
Selenium	0.023	0.0010	0.02500	0	91.3	85	115			
Uranium	0.025	0.0010	0.02500	0	99.4	85	115			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279844** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								
Selenium	ND	0.0010								
Uranium	ND	0.0010								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID	**MB-6886**	SampType:	**mblk**		TestCode:	**EPA Method 245.1: Mercury**				
Client ID:	**PBW**	Batch ID:	**6886**		RunNo:	**9762**				
Prep Date:	**4/9/2013**	Analysis Date:	**4/10/2013**		SeqNo:	**278088**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID	**LCS-6886**	SampType:	**lcs**		TestCode:	**EPA Method 245.1: Mercury**				
Client ID:	**LCSW**	Batch ID:	**6886**		RunNo:	**9762**				
Prep Date:	**4/9/2013**	Analysis Date:	**4/10/2013**		SeqNo:	**278089**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	98.7	80	120			

Sample ID	**1304188-001AMS**	SampType:	**ms**		TestCode:	**EPA Method 245.1: Mercury**				
Client ID:	**BatchQC**	Batch ID:	**6886**		RunNo:	**9762**				
Prep Date:	**4/9/2013**	Analysis Date:	**4/10/2013**		SeqNo:	**278092**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0047	0.00020	0.005000	0	94.9	75	125			

Sample ID	**1304188-001AMSD**	SampType:	**msd**		TestCode:	**EPA Method 245.1: Mercury**				
Client ID:	**BatchQC**	Batch ID:	**6886**		RunNo:	**9762**				
Prep Date:	**4/9/2013**	Analysis Date:	**4/10/2013**		SeqNo:	**278093**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0048	0.00020	0.005000	0	96.2	75	125	1.31	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270383** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270385** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	97.7	90	110			
Chloride	4.7	0.50	5.000	0	93.8	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.1	90	110			
Sulfate	9.5	0.50	10.00	0	94.8	90	110			

Sample ID **1303A25-001EMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270410** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.66	0.10	0.5000	0.1862	94.3	76.6	110			
Chloride	7.5	0.50	5.000	2.616	96.8	87.8	111			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0.03120	98.0	90.4	113			

Sample ID **1303A25-001EMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270411** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.66	0.10	0.5000	0.1862	94.8	76.6	110	0.395	20	
Chloride	7.5	0.50	5.000	2.616	98.4	87.8	111	1.04	20	
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0.03120	98.5	90.4	113	0.462	20	

Sample ID **1303A26-001EMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **ODIE Chapman Pon**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270413** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.4	0.10	0.5000	1.003	69.8	76.6	110			S
Chloride	18	0.50	5.000	12.88	109	87.8	111			
Nitrogen, Nitrate (As N)	2.8	0.10	2.500	0.2940	98.7	90.4	113			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303A26-001EMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **ODIE Chapman Pon**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270414** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.3	0.10	0.5000	1.003	56.0	76.6	110	5.24	20	S
Chloride	18	0.50	5.000	12.88	108	87.8	111	0.117	20	
Nitrogen, Nitrate (As N)	2.8	0.10	2.500	0.2940	98.9	90.4	113	0.214	20	

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270445** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270446** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.50	0.10	0.5000	0	99.7	90	110			
Chloride	4.7	0.50	5.000	0	94.3	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.7	90	110			
Sulfate	9.6	0.50	10.00	0	95.6	90	110			

Sample ID **1303A75-002AMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **270456** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.3	0.10	0.5000	0.8486	93.5	76.6	110			
Nitrogen, Nitrate (As N)	3.5	0.10	2.500	0.9291	103	90.4	113			

Sample ID **1303A75-002AMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9473**	RunNo: **9473**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **270457** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.3	0.10	0.5000	0.8486	95.6	76.6	110	0.795	20	
Nitrogen, Nitrate (As N)	3.5	0.10	2.500	0.9291	104	90.4	113	0.693	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6695**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **6695**	RunNo: **9472**
Prep Date: **3/27/2013**	Analysis Date: **3/27/2013**	SeqNo: **270323** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID **LCS-6695**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **6695**	RunNo: **9472**
Prep Date: **3/27/2013**	Analysis Date: **3/27/2013**	SeqNo: **270324** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.11	0.010	0.1000	0	106	70	130			

Sample ID **LCSD-6695**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **6695**	RunNo: **9472**
Prep Date: **3/27/2013**	Analysis Date: **3/27/2013**	SeqNo: **270326** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.11	0.010	0.1000	0	108	70	130	1.87	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6681**	SampType: **MBLK**	TestCode: **EPA Method 8082: PCB's**
Client ID: **PBW**	Batch ID: **6681**	RunNo: **9533**
Prep Date: **3/27/2013**	Analysis Date: **3/29/2013**	SeqNo: **272050** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.5		2.500		99.6	23.9	124			
Surr: Tetrachloro-m-xylene	2.1		2.500		82.4	28.1	139			

Sample ID **LCS-6681**	SampType: **LCS**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSW**	Batch ID: **6681**	RunNo: **9533**
Prep Date: **3/27/2013**	Analysis Date: **3/29/2013**	SeqNo: **272052** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.8	1.0	5.000	0	55.8	32.3	121			
Aroclor 1260	4.1	1.0	5.000	0	82.5	34	128			
Surr: Decachlorobiphenyl	2.3		2.500		93.6	23.9	124			
Surr: Tetrachloro-m-xylene	1.8		2.500		74.0	28.1	139			

Sample ID **LCSD-6681**	SampType: **LCSD**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSS02**	Batch ID: **6681**	RunNo: **9533**
Prep Date: **3/27/2013**	Analysis Date: **3/29/2013**	SeqNo: **272054** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.4	1.0	5.000	0	47.4	32.3	121	16.3	29.9	
Aroclor 1260	3.5	1.0	5.000	0	69.2	34	128	17.5	25.9	
Surr: Decachlorobiphenyl	1.9		2.500		77.2	23.9	124	0	0	
Surr: Tetrachloro-m-xylene	1.5		2.500		61.6	28.1	139	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5ml-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270282** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5ml-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270282** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.7		10.00		87.2	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	69.5	130			
Surr: Dibromofluoromethane	9.6		10.00		95.8	70	130			
Surr: Toluene-d8	9.6		10.00		96.1	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270285** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	70	130			
Toluene	20	1.0	20.00	0	99.2	80	120			
Chlorobenzene	19	1.0	20.00	0	96.0	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	104	85.8	133			
Trichloroethene (TCE)	19	1.0	20.00	0	93.6	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270285** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	8.8		10.00		88.1	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	69.5	130			
Surr: Dibromofluoromethane	9.2		10.00		92.4	70	130			
Surr: Toluene-d8	9.4		10.00		94.4	70	130			

Sample ID **1303a13-001a ms**	SampType: **MS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BatchQC**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270301** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	20	1.0	20.00	0	98.7	68.5	128			
Chlorobenzene	19	1.0	20.00	0	97.4	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	104	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	93.6	61.3	102			
Surr: 1,2-Dichloroethane-d4	8.7		10.00		87.1	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	69.5	130			
Surr: Dibromofluoromethane	9.4		10.00		94.3	70	130			
Surr: Toluene-d8	9.5		10.00		95.1	70	130			

Sample ID **1303a13-001a msd**	SampType: **MSD**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BatchQC**	Batch ID: **R9466**	RunNo: **9466**
Prep Date:	Analysis Date: **3/27/2013**	SeqNo: **270302** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130	0.0383	20	
Toluene	19	1.0	20.00	0	95.1	68.5	128	3.73	20	
Chlorobenzene	19	1.0	20.00	0	94.0	70	130	3.53	20	
1,1-Dichloroethene	20	1.0	20.00	0	101	70	130	3.66	20	
Trichloroethene (TCE)	18	1.0	20.00	0	91.8	61.3	102	1.98	20	
Surr: 1,2-Dichloroethane-d4	9.1		10.00		91.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	10		10.00		101	69.5	130	0	0	
Surr: Dibromofluoromethane	9.5		10.00		95.3	70	130	0	0	
Surr: Toluene-d8	9.4		10.00		94.1	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6682**	SampType: **MBLK**	TestCode: **EPA Method 8310: PAHs**
Client ID: **PBW**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277429** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	2.0								
2-Methylnaphthalene	ND	2.0								
Acenaphthylene	ND	2.5								
Acenaphthene	ND	5.0								
Fluorene	ND	0.80								
Phenanthrene	ND	0.60								
Anthracene	ND	0.60								
Fluoranthene	ND	0.30								
Pyrene	ND	0.30								
Benz(a)anthracene	ND	0.070								
Chrysene	ND	0.20								
Benzo(b)fluoranthene	ND	0.10								
Benzo(k)fluoranthene	ND	0.070								
Benzo(a)pyrene	ND	0.070								
Dibenz(a,h)anthracene	ND	0.12								
Benzo(g,h,i)perylene	ND	0.080								
Indeno(1,2,3-cd)pyrene	ND	0.080								
Surr: Benzo(e)pyrene	14		20.00		69.0	46.4	106			

Sample ID **LCS-6682**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277437** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	55	2.0	80.00	0	69.3	46	82.9			
1-Methylnaphthalene	58	2.0	80.20	0	72.3	47.2	85.8			
2-Methylnaphthalene	58	2.0	80.00	0	72.1	48.4	84.6			
Acenaphthylene	100	2.5	80.20	0	130	58.7	78.7			S
Acenaphthene	59	5.0	80.00	0	74.3	55.3	85.1			
Fluorene	5.0	0.80	8.020	0	62.1	31.9	82.2			
Phenanthrene	2.4	0.60	4.020	0	60.4	54.5	81.9			
Anthracene	2.5	0.60	4.020	0	61.2	51.9	82.7			
Fluoranthene	5.3	0.30	8.020	0	66.1	57.6	83.7			
Pyrene	4.7	0.30	8.020	0	59.1	53.1	70.4			
Benz(a)anthracene	0.58	0.070	0.8020	0	72.3	48	85.7			
Chrysene	2.6	0.20	4.020	0	65.7	44.3	78.2			
Benzo(b)fluoranthene	0.74	0.10	1.002	0	73.9	60	90.4			
Benzo(k)fluoranthene	0.44	0.070	0.5000	0	88.0	61.4	89			
Benzo(a)pyrene	0.43	0.070	0.5020	0	85.7	63.5	88.6			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS-6682**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277437** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dibenz(a,h)anthracene	0.88	0.12	1.002	0	87.8	57	92.6			
Benzo(g,h,i)perylene	0.88	0.080	1.000	0	88.0	55.4	95.9			
Indeno(1,2,3-cd)pyrene	1.6	0.080	2.004	0	80.3	52.7	88.6			
Surr: Benzo(e)pyrene	16		20.00		79.0	46.4	106			

Sample ID **LCSD-6682**	SampType: **LCSD**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSS02**	Batch ID: **6682**	RunNo: **9739**
Prep Date: **3/27/2013**	Analysis Date: **4/9/2013**	SeqNo: **277440** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	59	2.0	80.00	0	73.5	46	82.9	5.94	20	
1-Methylnaphthalene	62	2.0	80.20	0	76.9	47.2	85.8	6.20	20	
2-Methylnaphthalene	62	2.0	80.00	0	77.3	48.4	84.6	6.96	20	
Acenaphthylene	110	2.5	80.20	0	137	58.7	78.7	5.33	20	S
Acenaphthene	65	5.0	80.00	0	80.9	55.3	85.1	8.49	20	
Fluorene	5.5	0.80	8.020	0	69.0	31.9	82.2	10.5	20	
Phenanthrene	2.8	0.60	4.020	0	70.1	54.5	81.9	14.9	20	
Anthracene	2.8	0.60	4.020	0	69.9	51.9	82.7	13.3	20	
Fluoranthene	6.2	0.30	8.020	0	76.7	57.6	83.7	14.8	20	
Pyrene	5.2	0.30	8.020	0	64.3	53.1	70.4	8.48	20	
Benz(a)anthracene	0.68	0.070	0.8020	0	84.8	48	85.7	15.9	20	
Chrysene	3.1	0.20	4.020	0	77.9	44.3	78.2	17.0	20	
Benzo(b)fluoranthene	0.81	0.10	1.002	0	80.8	60	90.4	9.03	20	
Benzo(k)fluoranthene	0.44	0.070	0.5000	0	88.0	61.4	89	0	20	
Benzo(a)pyrene	0.43	0.070	0.5020	0	85.7	63.5	88.6	0	20	
Dibenz(a,h)anthracene	0.79	0.12	1.002	0	78.8	57	92.6	10.8	20	
Benzo(g,h,i)perylene	0.80	0.080	1.000	0	80.0	55.4	95.9	9.52	20	
Indeno(1,2,3-cd)pyrene	1.8	0.080	2.004	0	88.3	52.7	88.6	9.47	20	
Surr: Benzo(e)pyrene	16		20.00		78.1	46.4	106	0		

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6969**	SampType: **MBLK**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **PBW**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280297** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	ND	2.5								

Sample ID **LCS-6969**	SampType: **LCS**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **LCSW**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280298** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	19	2.5	20.00	0	93.2	81.1	120			

Sample ID **LCSD-6969**	SampType: **LCSD**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **LCSS02**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280319** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	20	2.5	20.00	0	99.0	81.1	120	5.97	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID	**1303a75-006a dup**	SampType:	**dup**	TestCode:	**SM4500-H+B: pH**					
Client ID:	**BatchQC**	Batch ID:	**R9475**	RunNo:	**9475**					
Prep Date:		Analysis Date:	**3/27/2013**	SeqNo:	**270581**	Units:	**pH units**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.67	1.68								H

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303A26**

19-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6727**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **6727**	RunNo: **9534**
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**	SeqNo: **272090** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID **LCS-6727**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **6727**	RunNo: **9534**
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**	SeqNo: **272091** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	18.00	101	80	120			

Sample ID **1303A71-003AMS**	SampType: **MS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **BatchQC**	Batch ID: **6727**	RunNo: **9534**
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**	SeqNo: **272111** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1310	20.0	1000	330.0	98.4	80	120			

Sample ID **1303A71-003AMSD**	SampType: **MSD**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **BatchQC**	Batch ID: **6727**	RunNo: **9534**
Prep Date: **3/29/2013**	Analysis Date: **4/1/2013**	SeqNo: **272112** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1340	20.0	1000	330.0	101	80	120	1.96	5	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HRL COMPLIANCE SOL Work Order Number: 1303A26 RcptNo: 1

Received by/date: MG 03/26/13

Logged By: Ashley Gallegos 3/26/2013 3:40:00 PM

Completed By: Ashley Gallegos 3/26/2013 4:45:37 PM

Reviewed By: 03/27/13

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Client		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 4 (<2 or >12 unless noted)

Adjusted? No

Checked by: MG

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: ____ Date: ____

By Whom: ____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: ____

Client Instructions: ____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.1	Good	Not Present			

Chain-of-Custody Record

Client: HRL Compliance Solutions Inc.

Mailing Address: 2385 F½ RD
Grand Junction Co 81505

Phone #: 970 243 3271

email or Fax#: Krowe@HRLComp.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Enterprise WEP III water sampling

Project #: 13-110.2

Project Manager: Kay Lambert

Sampler: Kris Rowe

On Ice: ☑ Y ☐ N

Sample Temperature: 4°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)		WQCC			Air Bubbles (Y or N)
3/26/13	1015	SW	ODID CHAPMAN-Pond 2		4°C and see cont	-001	X	X	X	X	X	X	X	X	X	X	X		X			
			Trip Blank			-002													X			

Date:	Time:	Relinquished by:	Received by:	Date	Time
3/26/13	1540			03/26/13	1540
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: See attached list (WQCC)
SJE 3/26/13

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

WQCC Bottles for ONE sample:

TEST	BOTTLE TYPE AND PRESERVATIVE
8260	3 x 40 mL HCl VOAs
504.1 EDB	2 x 40 mL Na2S2O3 VOAs
8082 PCB	2 x 1 liter unpreserved amber
8310 PAH	1 x 1 liter unpreserved amber
Phenols	1 x 1 liter H2SO4 amber
Anions, TDS, pH	1 x 500 mL unpreserved plastic 1 x 125 mL H2SO4 plastic
Mercury	1 x 500 mL HNO3 plastic
Dissolved Metals	1 x 125 HNO3 plastic + filter & syringe
Total Cyanide	1 x 500 NaOH plastic amber
Radium 226/228	2 x 1 liter HNO3 plastic

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 23, 2013

Kay Lambert
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505
TEL: (970) 243-3271
FAX

RE: Enterprise WEP III Water Sampling OrderNo.: 1303B08

Dear Kay Lambert:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/28/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Hilltop Gas Station-Pond
Project: Enterprise WEP III Water Sampling
Collection Date: 3/27/2013 10:20:00 AM
Lab ID: 1303B08-001 **Matrix:** AQUEOUS **Received Date:** 3/28/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	3/28/2013 8:38:24 PM
EPA METHOD 8082: PCB'S						Analyst: **SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/5/2013 2:35:06 AM
Aroclor 1221	ND	1.0		µg/L	1	4/5/2013 2:35:06 AM
Aroclor 1232	ND	1.0		µg/L	1	4/5/2013 2:35:06 AM
Aroclor 1242	ND	1.0		µg/L	1	4/5/2013 2:35:06 AM
Aroclor 1248	ND	1.0		µg/L	1	4/5/2013 2:35:06 AM
Aroclor 1254	ND	1.0		µg/L	1	4/5/2013 2:35:06 AM
Aroclor 1260	ND	1.0		µg/L	1	4/5/2013 2:35:06 AM
Surr: Decachlorobiphenyl	103	23.9-124		%REC	1	4/5/2013 2:35:06 AM
Surr: Tetrachloro-m-xylene	86.4	28.1-139		%REC	1	4/5/2013 2:35:06 AM
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	ND	2.0		µg/L	1	4/9/2013 10:56:16 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	4/9/2013 10:56:16 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	4/9/2013 10:56:16 PM
Acenaphthylene	ND	2.5		µg/L	1	4/9/2013 10:56:16 PM
Acenaphthene	ND	5.0		µg/L	1	4/9/2013 10:56:16 PM
Fluorene	ND	0.80		µg/L	1	4/9/2013 10:56:16 PM
Phenanthrene	ND	0.60		µg/L	1	4/9/2013 10:56:16 PM
Anthracene	ND	0.60		µg/L	1	4/9/2013 10:56:16 PM
Fluoranthene	ND	0.30		µg/L	1	4/9/2013 10:56:16 PM
Pyrene	ND	0.30		µg/L	1	4/9/2013 10:56:16 PM
Benz(a)anthracene	ND	0.10		µg/L	1	4/9/2013 10:56:16 PM
Chrysene	ND	0.20		µg/L	1	4/9/2013 10:56:16 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/9/2013 10:56:16 PM
Benzo(k)fluoranthene	ND	0.10		µg/L	1	4/9/2013 10:56:16 PM
Benzo(a)pyrene	ND	0.10		µg/L	1	4/9/2013 10:56:16 PM
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/9/2013 10:56:16 PM
Benzo(g,h,i)perylene	ND	0.10		µg/L	1	4/9/2013 10:56:16 PM
Indeno(1,2,3-cd)pyrene	ND	0.10		µg/L	1	4/9/2013 10:56:16 PM
Surr: Benzo(e)pyrene	79.0	46.4-106		%REC	1	4/9/2013 10:56:16 PM
EPA METHOD 300.0: ANIONS						Analyst: **JRR**
Fluoride	0.95	0.10		mg/L	1	3/28/2013 6:22:25 PM
Chloride	3.0	0.50		mg/L	1	3/28/2013 6:22:25 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	3/28/2013 6:22:25 PM
Sulfate	330	10		mg/L	20	3/28/2013 6:34:50 PM
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**
Aluminum	ND	0.020		mg/L	1	4/2/2013 7:05:39 PM
Barium	0.028	0.0020		mg/L	1	4/2/2013 7:05:39 PM
Boron	0.17	0.040		mg/L	1	4/2/2013 7:05:39 PM

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Hilltop Gas Station-Pond
Project: Enterprise WEP III Water Sampling
Collection Date: 3/27/2013 10:20:00 AM
Lab ID: 1303B08-001 **Matrix:** AQUEOUS **Received Date:** 3/28/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 200.7: DISSOLVED METALS						Analyst: **JLF**
Cadmium	ND	0.0020		mg/L	1	4/2/2013 7:05:39 PM
Chromium	ND	0.0060		mg/L	1	4/2/2013 7:05:39 PM
Cobalt	ND	0.0060		mg/L	1	4/2/2013 7:05:39 PM
Copper	ND	0.0060		mg/L	1	4/2/2013 7:05:39 PM
Iron	0.045	0.020		mg/L	1	4/2/2013 7:05:39 PM
Manganese	0.020	0.0020		mg/L	1	4/2/2013 7:05:39 PM
Molybdenum	ND	0.0080		mg/L	1	4/2/2013 7:05:39 PM
Nickel	ND	0.010		mg/L	1	4/2/2013 7:05:39 PM
Silver	ND	0.0050		mg/L	1	4/2/2013 7:05:39 PM
Zinc	ND	0.010		mg/L	1	4/5/2013 1:34:33 PM
EPA 200.8: DISSOLVED METALS						Analyst: **DBD**
Arsenic	ND	0.0010		mg/L	1	4/12/2013 11:53:33 AM
Lead	ND	0.0010		mg/L	1	4/12/2013 11:53:33 AM
Selenium	ND	0.0010		mg/L	1	4/12/2013 11:53:33 AM
Uranium	ND	0.0010		mg/L	1	4/12/2013 11:53:33 AM
EPA METHOD 245.1: MERCURY						Analyst: **IDC**
Mercury	ND	0.00020		mg/L	1	4/10/2013 12:24:49 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Toluene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Ethylbenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Naphthalene	ND	2.0		µg/L	1	3/31/2013 11:00:17 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/31/2013 11:00:17 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/31/2013 11:00:17 PM
Acetone	ND	10		µg/L	1	3/31/2013 11:00:17 PM
Bromobenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Bromoform	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Bromomethane	ND	3.0		µg/L	1	3/31/2013 11:00:17 PM
2-Butanone	ND	10		µg/L	1	3/31/2013 11:00:17 PM
Carbon disulfide	ND	10		µg/L	1	3/31/2013 11:00:17 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Chlorobenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Chloroethane	ND	2.0		µg/L	1	3/31/2013 11:00:17 PM
Chloroform	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Hilltop Gas Station-Pond
Project: Enterprise WEP III Water Sampling
Collection Date: 3/27/2013 10:20:00 AM
Lab ID: 1303B08-001 **Matrix:** AQUEOUS **Received Date:** 3/28/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Chloromethane	ND	3.0		µg/L	1	3/31/2013 11:00:17 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/31/2013 11:00:17 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Dibromomethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/31/2013 11:00:17 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
2-Hexanone	ND	10		µg/L	1	3/31/2013 11:00:17 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/31/2013 11:00:17 PM
Methylene Chloride	ND	3.0		µg/L	1	3/31/2013 11:00:17 PM
n-Butylbenzene	ND	3.0		µg/L	1	3/31/2013 11:00:17 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Styrene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/31/2013 11:00:17 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/31/2013 11:00:17 PM
Vinyl chloride	ND	1.0		µg/L	1	3/31/2013 11:00:17 PM

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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P	Sample pH greater than 2	R	RPD outside accepted recovery limits
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Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: Hilltop Gas Station-Pond
Project: Enterprise WEP III Water Sampling
Collection Date: 3/27/2013 10:20:00 AM
Lab ID: 1303B08-001 **Matrix:** AQUEOUS **Received Date:** 3/28/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Xylenes, Total	ND	1.5		µg/L	1	3/31/2013 11:00:17 PM
Surr: 1,2-Dichloroethane-d4	89.5	70-130		%REC	1	3/31/2013 11:00:17 PM
Surr: 4-Bromofluorobenzene	94.2	69.5-130		%REC	1	3/31/2013 11:00:17 PM
Surr: Dibromofluoromethane	96.8	70-130		%REC	1	3/31/2013 11:00:17 PM
Surr: Toluene-d8	93.3	70-130		%REC	1	3/31/2013 11:00:17 PM
TOTAL PHENOLICS BY SW-846 9067						Analyst: **SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013
SM4500-H+B: PH						Analyst: **JML**
pH	8.21	1.68	H	pH units	1	3/28/2013 4:26:19 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**
Total Dissolved Solids	720	20.0	*	mg/L	1	4/4/2013 8:56:00 AM

Qualifiers:

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P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1303B08-002
Matrix: TRIP BLANK
Received Date: 3/28/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	3/28/2013 8:53:40 PM
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Toluene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Ethylbenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Naphthalene	ND	2.0		µg/L	1	4/1/2013 2:19:28 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/1/2013 2:19:28 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/1/2013 2:19:28 AM
Acetone	ND	10		µg/L	1	4/1/2013 2:19:28 AM
Bromobenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Bromoform	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Bromomethane	ND	3.0		µg/L	1	4/1/2013 2:19:28 AM
2-Butanone	ND	10		µg/L	1	4/1/2013 2:19:28 AM
Carbon disulfide	ND	10		µg/L	1	4/1/2013 2:19:28 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Chlorobenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Chloroethane	ND	2.0		µg/L	1	4/1/2013 2:19:28 AM
Chloroform	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Chloromethane	ND	3.0		µg/L	1	4/1/2013 2:19:28 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/1/2013 2:19:28 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Dibromomethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/1/2013 2:19:28 AM

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HRL Compliance Solutions
Client Sample ID: TRIP BLANK
Project: Enterprise WEP III Water Sampling
Collection Date:
Lab ID: 1303B08-002
Matrix: TRIP BLANK
Received Date: 3/28/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
2-Hexanone	ND	10		µg/L	1	4/1/2013 2:19:28 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/1/2013 2:19:28 AM
Methylene Chloride	ND	3.0		µg/L	1	4/1/2013 2:19:28 AM
n-Butylbenzene	ND	3.0		µg/L	1	4/1/2013 2:19:28 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Styrene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/1/2013 2:19:28 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/1/2013 2:19:28 AM
Vinyl chloride	ND	1.0		µg/L	1	4/1/2013 2:19:28 AM
Xylenes, Total	ND	1.5		µg/L	1	4/1/2013 2:19:28 AM
Surr: 1,2-Dichloroethane-d4	90.6	70-130		%REC	1	4/1/2013 2:19:28 AM
Surr: 4-Bromofluorobenzene	99.2	69.5-130		%REC	1	4/1/2013 2:19:28 AM
Surr: Dibromofluoromethane	98.1	70-130		%REC	1	4/1/2013 2:19:28 AM
Surr: Toluene-d8	93.9	70-130		%REC	1	4/1/2013 2:19:28 AM

Qualifiers:

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RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	130329020
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1303B08
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	130329020-001	**Sampling Date**	3/27/2013	**Date/Time Received**	3/29/2013 12:10 PM
Client Sample ID	1303B08-001I / HILLTOP GAS STATION-POND			**Sampling Time**	10:20 AM
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/8/2013	CRW	EPA 335.4	

Authorized Signature

John Coddington, Lab Manager

MCL	EPA's Maximum Contaminant Level
ND	Not Detected
PQL	Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: 1303B08
Pace Project No.: 3090703

Sample: 1303B08-001 Hilltop Gas Statio **Lab ID: 3090703001** Collected: 03/27/13 10:20 Received: 03/29/13 10:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**-0.128 ± 0.364 (0.837)**	pCi/L	04/11/13 14:48	13982-63-3	
Radium-228	EPA 904.0	**0.921 ± 0.519 (0.927)**	pCi/L	04/09/13 17:08	15262-20-1	

Date: 04/15/2013 12:03 PM

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1303B08
Pace Project No.: 3090703

QC Batch: RADC/15240
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Associated Lab Samples: 3090703001

METHOD BLANK: 562610
Matrix: Water
Associated Lab Samples: 3090703001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-226	-0.051 ± 0.262 (0.607)	pCi/L	04/11/13 14:10	

Date: 04/15/2013 12:03 PM

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: 1303B08
Pace Project No.: 3090703

QC Batch: RADC/15241
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Associated Lab Samples: 3090703001

METHOD BLANK: 562611
Matrix: Water
Associated Lab Samples: 3090703001

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-228	0.178 ± 0.320 (0.695)	pCi/L	04/09/13 15:42	

Date: 04/15/2013 12:03 PM

REPORT OF LABORATORY ANALYSIS

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date: **2/22/2013**	Analysis Date: **4/2/2013**	SeqNo: **273747** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Barium	ND	0.0020								
Boron	ND	0.040								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Cobalt	ND	0.0060								
Copper	ND	0.0060								
Iron	ND	0.020								
Manganese	ND	0.0020								
Molybdenum	ND	0.0080								
Nickel	ND	0.010								
Silver	ND	0.0050								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273748** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.55	0.020	0.5000	0	110	85	115			
Barium	0.49	0.0020	0.5000	0	98.8	85	115			
Boron	0.50	0.040	0.5000	0	101	85	115			
Cadmium	0.49	0.0020	0.5000	0	99.0	85	115			
Chromium	0.50	0.0060	0.5000	0	101	85	115			
Cobalt	0.49	0.0060	0.5000	0	97.1	85	115			
Copper	0.49	0.0060	0.5000	0	99.0	85	115			
Iron	0.49	0.020	0.5000	0	97.7	85	115			
Manganese	0.51	0.0020	0.5000	0	101	85	115			
Molybdenum	0.49	0.0080	0.5000	0	98.9	85	115			
Nickel	0.47	0.010	0.5000	0	94.9	85	115			
Silver	0.096	0.0050	0.1000	0	95.8	85	115			

Sample ID **1303B69-012AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273802** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0.02401	110	70	130			
Barium	0.50	0.0020	0.5000	0.01066	97.2	70	130			
Cadmium	0.52	0.0020	0.5000	0	104	70	130			
Chromium	0.47	0.0060	0.5000	0	94.2	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303B69-012AMS**	SampType: **MS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273802** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cobalt	0.49	0.0060	0.5000	0.01697	94.3	70	130			
Copper	0.52	0.0060	0.5000	0	104	70	130			
Molybdenum	0.47	0.0080	0.5000	0	94.0	70	130			
Nickel	0.47	0.010	0.5000	0.03147	87.2	70	130			
Silver	0.11	0.0050	0.1000	0	106	70	130			

Sample ID **1303B69-012AMSD**	SampType: **MSD**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273803** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0.02401	108	70	130	1.54	20	
Barium	0.50	0.0020	0.5000	0.01066	97.2	70	130	0.0242	20	
Cadmium	0.52	0.0020	0.5000	0	104	70	130	0.319	20	
Chromium	0.47	0.0060	0.5000	0	94.3	70	130	0.0934	20	
Cobalt	0.49	0.0060	0.5000	0.01697	94.3	70	130	0.00819	20	
Copper	0.51	0.0060	0.5000	0	103	70	130	0.959	20	
Molybdenum	0.47	0.0080	0.5000	0	94.9	70	130	1.04	20	
Nickel	0.47	0.010	0.5000	0.03147	87.5	70	130	0.261	20	
Silver	0.11	0.0050	0.1000	0	108	70	130	1.39	20	

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9603**	RunNo: **9603**
Prep Date:	Analysis Date: **4/2/2013**	SeqNo: **273828** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.54	0.020	0.5000	0	109	85	115			
Barium	0.48	0.0020	0.5000	0	96.2	85	115			
Boron	0.50	0.040	0.5000	0	99.8	85	115			
Cadmium	0.49	0.0020	0.5000	0	98.3	85	115			
Chromium	0.50	0.0060	0.5000	0	99.7	85	115			
Cobalt	0.48	0.0060	0.5000	0	95.3	85	115			
Copper	0.50	0.0060	0.5000	0	99.4	85	115			
Iron	0.48	0.020	0.5000	0	96.4	85	115			
Manganese	0.49	0.0020	0.5000	0	98.8	85	115			
Molybdenum	0.49	0.0080	0.5000	0	98.8	85	115			
Nickel	0.47	0.010	0.5000	0	94.7	85	115			
Silver	0.098	0.0050	0.1000	0	98.0	85	115			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID	1303988-002AMS	SampType:	MS	TestCode:	EPA Method 200.7: Dissolved Metals					
Client ID:	BatchQC	Batch ID:	R9603	RunNo:	9603					
Prep Date:		Analysis Date:	4/2/2013	SeqNo:	273865	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.59	0.020	0.5000	0.02253	114	70	130			
Barium	0.51	0.0020	0.5000	0.008750	100	70	130			
Cadmium	0.54	0.0020	0.5000	0	107	70	130			
Chromium	0.49	0.0060	0.5000	0	97.2	70	130			
Cobalt	0.50	0.0060	0.5000	0.01029	97.7	70	130			
Copper	0.53	0.0060	0.5000	0	106	70	130			
Iron	0.53	0.020	0.5000	0.05043	95.8	70	130			
Manganese	0.75	0.0020	0.5000	0.2698	95.2	70	130			
Molybdenum	0.52	0.0080	0.5000	0.03517	97.1	70	130			
Nickel	0.46	0.010	0.5000	0	91.3	70	130			
Silver	0.10	0.0050	0.1000	0	103	70	130			

Sample ID	1303988-002AMSD	SampType:	MSD	TestCode:	EPA Method 200.7: Dissolved Metals					
Client ID:	BatchQC	Batch ID:	R9603	RunNo:	9603					
Prep Date:		Analysis Date:	4/2/2013	SeqNo:	273866	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.59	0.020	0.5000	0.02253	114	70	130	0.0288	20	
Barium	0.52	0.0020	0.5000	0.008750	101	70	130	1.14	20	
Cadmium	0.54	0.0020	0.5000	0	109	70	130	1.42	20	
Chromium	0.49	0.0060	0.5000	0	98.6	70	130	1.34	20	
Cobalt	0.51	0.0060	0.5000	0.01029	99.5	70	130	1.82	20	
Copper	0.53	0.0060	0.5000	0	106	70	130	0.713	20	
Iron	0.53	0.020	0.5000	0.05043	96.3	70	130	0.409	20	
Manganese	0.75	0.0020	0.5000	0.2698	96.4	70	130	0.804	20	
Molybdenum	0.53	0.0080	0.5000	0.03517	99.6	70	130	2.34	20	
Nickel	0.47	0.010	0.5000	0	93.2	70	130	2.06	20	
Silver	0.11	0.0050	0.1000	0	107	70	130	3.57	20	

Sample ID	MB	SampType:	MBLK	TestCode:	EPA Method 200.7: Dissolved Metals					
Client ID:	PBW	Batch ID:	R9737	RunNo:	9737					
Prep Date:	2/22/2013	Analysis Date:	4/5/2013	SeqNo:	277371	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Zinc	ND	0.010								

Sample ID	LCS	SampType:	LCS	TestCode:	EPA Method 200.7: Dissolved Metals					
Client ID:	LCSW	Batch ID:	R9737	RunNo:	9737					
Prep Date:		Analysis Date:	4/5/2013	SeqNo:	277372	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 200.7: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9737**	RunNo: **9737**
Prep Date:	Analysis Date: **4/5/2013**	SeqNo: **277372** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Zinc	0.48	0.010	0.5000	0	96.3	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303A24-001GMS**	SampType: **MS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **BatchQC**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279839** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	0.16	0.0050	0.1250	0.03007	100	70	130			

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279843** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.024	0.0010	0.02500	0	95.1	85	115			
Lead	0.025	0.0010	0.02500	0	100	85	115			
Selenium	0.023	0.0010	0.02500	0	91.3	85	115			
Uranium	0.025	0.0010	0.02500	0	99.4	85	115			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA 200.8: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R9819**	RunNo: **9819**
Prep Date:	Analysis Date: **4/12/2013**	SeqNo: **279844** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								
Selenium	ND	0.0010								
Uranium	ND	0.0010								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6886**	SampType: **mblk**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **PBW**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278088** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID **LCS-6886**	SampType: **lcs**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **LCSW**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278089** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	98.7	80	120			

Sample ID **1304188-001AMS**	SampType: **ms**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **BatchQC**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278092** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0047	0.00020	0.005000	0	94.9	75	125			

Sample ID **1304188-001AMSD**	SampType: **msd**	TestCode: **EPA Method 245.1: Mercury**
Client ID: **BatchQC**	Batch ID: **6886**	RunNo: **9762**
Prep Date: **4/9/2013**	Analysis Date: **4/10/2013**	SeqNo: **278093** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0048	0.00020	0.005000	0	96.2	75	125	1.31	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R9504**	RunNo: **9504**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **271312** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R9504**	RunNo: **9504**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **271313** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	97.5	90	110			
Chloride	4.6	0.50	5.000	0	92.9	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	97.4	90	110			
Sulfate	9.4	0.50	10.00	0	94.0	90	110			

Sample ID **1303B03-001AMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9504**	RunNo: **9504**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **271315** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.53	0.10	0.5000	0.1116	83.9	76.6	110			
Nitrogen, Nitrate (As N)	0.48	0.10	2.500	0.08850	15.7	90.4	113			S
Sulfate	20	0.50	10.00	8.890	109	84.6	122			

Sample ID **1303B03-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9504**	RunNo: **9504**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **271316** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.54	0.10	0.5000	0.1116	86.3	76.6	110	2.18	20	
Nitrogen, Nitrate (As N)	0.48	0.10	2.500	0.08850	15.8	90.4	113	0.394	20	S
Sulfate	20	0.50	10.00	8.890	109	84.6	122	0.0568	20	

Sample ID **1303B05-001HMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R9504**	RunNo: **9504**
Prep Date:	Analysis Date: **3/28/2013**	SeqNo: **271337** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.0	0.10	0.5000	0.5783	93.2	76.6	110			
Nitrogen, Nitrate (As N)	2.9	0.10	2.500	0.4062	102	90.4	113			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **1303B05-001HMSD** SampType: **MSD** TestCode: **EPA Method 300.0: Anions**

Client ID: **BatchQC** Batch ID: **R9504** RunNo: **9504**

Prep Date: Analysis Date: **3/28/2013** SeqNo: **271338** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.1	0.10	0.5000	0.5783	95.5	76.6	110	1.10	20	
Nitrogen, Nitrate (As N)	3.0	0.10	2.500	0.4062	103	90.4	113	1.45	20	

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBW** Batch ID: **R9504** RunNo: **9504**

Prep Date: Analysis Date: **3/29/2013** SeqNo: **271372** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSW** Batch ID: **R9504** RunNo: **9504**

Prep Date: Analysis Date: **3/29/2013** SeqNo: **271373** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	98.7	90	110			
Chloride	4.7	0.50	5.000	0	93.4	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.1	90	110			
Sulfate	9.5	0.50	10.00	0	94.6	90	110			

Sample ID **1303B38-001AMS** SampType: **MS** TestCode: **EPA Method 300.0: Anions**

Client ID: **BatchQC** Batch ID: **R9504** RunNo: **9504**

Prep Date: Analysis Date: **3/29/2013** SeqNo: **271375** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.75	0.10	0.5000	0.2754	94.0	76.6	110			
Chloride	19	0.50	5.000	13.47	109	87.8	111			
Nitrogen, Nitrate (As N)	4.8	0.10	2.500	2.160	106	90.4	113			

Sample ID **1303B38-001AMSD** SampType: **MSD** TestCode: **EPA Method 300.0: Anions**

Client ID: **BatchQC** Batch ID: **R9504** RunNo: **9504**

Prep Date: Analysis Date: **3/29/2013** SeqNo: **271376** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.75	0.10	0.5000	0.2754	94.6	76.6	110	0.388	20	
Chloride	19	0.50	5.000	13.47	109	87.8	111	0.0180	20	
Nitrogen, Nitrate (As N)	4.8	0.10	2.500	2.160	107	90.4	113	0.253	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6717**	SampType: **MBLK**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **PBW**	Batch ID: **6717**	RunNo: **9486**
Prep Date: **3/28/2013**	Analysis Date: **3/28/2013**	SeqNo: **271195** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID **LCS-6717**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **6717**	RunNo: **9486**
Prep Date: **3/28/2013**	Analysis Date: **3/28/2013**	SeqNo: **271196** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.099	0.010	0.1000	0	99.0	70	130			

Sample ID **LCSD-6717**	SampType: **LCS**	TestCode: **EPA Method 8011/504.1: EDB**
Client ID: **LCSW**	Batch ID: **6717**	RunNo: **9486**
Prep Date: **3/28/2013**	Analysis Date: **3/28/2013**	SeqNo: **271197** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.11	0.010	0.1000	0	109	70	130	9.62	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6772**	SampType: **MBLK**	TestCode: **EPA Method 8082: PCB's**
Client ID: **PBW**	Batch ID: **6772**	RunNo: **9669**
Prep Date: **4/2/2013**	Analysis Date: **4/4/2013**	SeqNo: **275586** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.4		2.500		94.0	23.9	124			
Surr: Tetrachloro-m-xylene	1.8		2.500		72.4	28.1	139			

Sample ID **LCS-6772**	SampType: **LCS**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSW**	Batch ID: **6772**	RunNo: **9669**
Prep Date: **4/2/2013**	Analysis Date: **4/4/2013**	SeqNo: **275587** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	2.9	1.0	5.000	0	58.6	32.3	121			
Aroclor 1260	4.4	1.0	5.000	0	87.5	34	128			
Surr: Decachlorobiphenyl	2.3		2.500		92.8	23.9	124			
Surr: Tetrachloro-m-xylene	1.7		2.500		67.2	28.1	139			

Sample ID **LCSD-6772**	SampType: **LCSD**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSS02**	Batch ID: **6772**	RunNo: **9669**
Prep Date: **4/2/2013**	Analysis Date: **4/4/2013**	SeqNo: **275588** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.2	1.0	5.000	0	64.3	32.3	121	9.31	29.9	
Aroclor 1260	4.8	1.0	5.000	0	96.5	34	128	9.74	25.9	
Surr: Decachlorobiphenyl	2.5		2.500		102	23.9	124	0	0	
Surr: Tetrachloro-m-xylene	1.8		2.500		74.0	28.1	139	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5ml-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R9532**	RunNo: **9532**
Prep Date:	Analysis Date: **3/31/2013**	SeqNo: **272034** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **5ml-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R9532**	RunNo: **9532**
Prep Date:	Analysis Date: **3/31/2013**	SeqNo: **272034** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.7	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	69.5	130			
Surr: Dibromofluoromethane	9.6		10.00		96.4	70	130			
Surr: Toluene-d8	9.5		10.00		95.1	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R9532**	RunNo: **9532**
Prep Date:	Analysis Date: **3/31/2013**	SeqNo: **272037** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	70	130			
Toluene	20	1.0	20.00	0	100	80	120			
Chlorobenzene	20	1.0	20.00	0	100	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	109	85.8	133			
Trichloroethene (TCE)	20	1.0	20.00	0	98.8	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R9532**	RunNo: **9532**
Prep Date:	Analysis Date: **3/31/2013**	SeqNo: **272037** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.1		10.00		90.6	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.9	69.5	130			
Surr: Dibromofluoromethane	9.6		10.00		96.4	70	130			
Surr: Toluene-d8	9.4		10.00		94.3	70	130			

Sample ID **1303b08-001a ms**	SampType: **MS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **Hilltop Gas Station-**	Batch ID: **R9532**	RunNo: **9532**
Prep Date:	Analysis Date: **3/31/2013**	SeqNo: **272046** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	107	70	130			
Toluene	20	1.0	20.00	0	98.3	68.5	128			
Chlorobenzene	19	1.0	20.00	0	96.7	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	110	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	98.0	61.3	102			
Surr: 1,2-Dichloroethane-d4	9.2		10.00		92.0	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.3	69.5	130			
Surr: Dibromofluoromethane	9.9		10.00		98.7	70	130			
Surr: Toluene-d8	9.2		10.00		92.3	70	130			

Sample ID **1303b08-001a msd**	SampType: **MSD**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **Hilltop Gas Station-**	Batch ID: **R9532**	RunNo: **9532**
Prep Date:	Analysis Date: **3/31/2013**	SeqNo: **272047** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130	4.17	20	
Toluene	19	1.0	20.00	0	95.2	68.5	128	3.18	20	
Chlorobenzene	19	1.0	20.00	0	97.2	70	130	0.454	20	
1,1-Dichloroethene	21	1.0	20.00	0	104	70	130	5.20	20	
Trichloroethene (TCE)	19	1.0	20.00	0	94.1	61.3	102	4.06	20	
Surr: 1,2-Dichloroethane-d4	9.0		10.00		89.7	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.9		10.00		99.0	69.5	130	0	0	
Surr: Dibromofluoromethane	9.7		10.00		97.0	70	130	0	0	
Surr: Toluene-d8	9.5		10.00		94.7	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1303B08

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6773**	SampType: **MBLK**	TestCode: **EPA Method 8310: PAHs**
Client ID: **PBW**	Batch ID: **6773**	RunNo: **9739**
Prep Date: **4/2/2013**	Analysis Date: **4/9/2013**	SeqNo: **277442** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	2.0								
2-Methylnaphthalene	ND	2.0								
Acenaphthylene	ND	2.5								
Acenaphthene	ND	5.0								
Fluorene	ND	0.80								
Phenanthrene	ND	0.60								
Anthracene	ND	0.60								
Fluoranthene	ND	0.30								
Pyrene	ND	0.30								
Benz(a)anthracene	ND	0.10								
Chrysene	ND	0.20								
Benzo(b)fluoranthene	ND	0.10								
Benzo(k)fluoranthene	ND	0.10								
Benzo(a)pyrene	ND	0.10								
Dibenz(a,h)anthracene	ND	0.12								
Benzo(g,h,i)perylene	ND	0.10								
Indeno(1,2,3-cd)pyrene	ND	0.10								
Surr: Benzo(e)pyrene	19		20.00		97.3	46.4	106			

Sample ID **LCS-6773**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **6773**	RunNo: **9739**
Prep Date: **4/2/2013**	Analysis Date: **4/9/2013**	SeqNo: **277443** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	55	2.0	80.00	0	69.3	46	82.9			
1-Methylnaphthalene	58	2.0	80.20	0	72.8	47.2	85.8			
2-Methylnaphthalene	59	2.0	80.00	0	73.4	48.4	84.6			
Acenaphthylene	63	2.5	80.20	0	78.7	58.7	78.7			
Acenaphthene	62	5.0	80.00	0	77.6	55.3	85.1			
Fluorene	5.6	0.80	8.020	0	70.3	31.9	82.2			
Phenanthrene	2.9	0.60	4.020	0	72.4	54.5	81.9			
Anthracene	2.7	0.60	4.020	0	68.2	51.9	82.7			
Fluoranthene	6.2	0.30	8.020	0	77.4	57.6	83.7			
Pyrene	6.2	0.30	8.020	0	76.8	53.1	70.4			S
Benz(a)anthracene	0.73	0.070	0.8020	0	91.0	48	85.7			S
Chrysene	3.2	0.20	4.020	0	80.6	44.3	78.2			S
Benzo(b)fluoranthene	0.87	0.10	1.002	0	86.8	60	90.4			
Benzo(k)fluoranthene	0.58	0.070	0.5000	0	116	61.4	89			S
Benzo(a)pyrene	0.52	0.070	0.5020	0	104	63.5	88.6			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **LCS-6773**	SampType: **LCS**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSW**	Batch ID: **6773**	RunNo: **9739**
Prep Date: **4/2/2013**	Analysis Date: **4/9/2013**	SeqNo: **277443** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dibenz(a,h)anthracene	1.1	0.12	1.002	0	108	57	92.6			S
Benzo(g,h,i)perylene	1.1	0.080	1.000	0	109	55.4	95.9			S
Indeno(1,2,3-cd)pyrene	2.0	0.080	2.004	0	97.8	52.7	88.6			S
Surr: Benzo(e)pyrene	17		20.00		87.3	46.4	106			

Sample ID **LCSD-6773**	SampType: **LCSD**	TestCode: **EPA Method 8310: PAHs**
Client ID: **LCSS02**	Batch ID: **6773**	RunNo: **9739**
Prep Date: **4/2/2013**	Analysis Date: **4/9/2013**	SeqNo: **277444** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	56	2.0	80.00	0	70.5	46	82.9	1.79	20	
1-Methylnaphthalene	60	2.0	80.20	0	74.2	47.2	85.8	1.95	20	
2-Methylnaphthalene	59	2.0	80.00	0	73.2	48.4	84.6	0.290	20	
Acenaphthylene	100	2.5	80.20	0	127	58.7	78.7	47.2	20	SR
Acenaphthene	62	5.0	80.00	0	77.1	55.3	85.1	0.614	20	
Fluorene	5.2	0.80	8.020	0	64.5	31.9	82.2	8.70	20	
Phenanthrene	2.5	0.60	4.020	0	61.9	54.5	81.9	15.6	20	
Anthracene	2.5	0.60	4.020	0	61.9	51.9	82.7	9.56	20	
Fluoranthene	5.4	0.30	8.020	0	66.7	57.6	83.7	14.9	20	
Pyrene	5.1	0.30	8.020	0	63.3	53.1	70.4	19.2	20	
Benz(a)anthracene	0.60	0.070	0.8020	0	74.8	48	85.7	19.5	20	
Chrysene	2.8	0.20	4.020	0	68.7	44.3	78.2	16.0	20	
Benzo(b)fluoranthene	0.73	0.10	1.002	0	72.9	60	90.4	17.5	20	
Benzo(k)fluoranthene	0.46	0.070	0.5000	0	92.0	61.4	89	23.1	20	SR
Benzo(a)pyrene	0.45	0.070	0.5020	0	89.6	63.5	88.6	14.4	20	S
Dibenz(a,h)anthracene	0.94	0.12	1.002	0	93.8	57	92.6	13.9	20	S
Benzo(g,h,i)perylene	0.92	0.080	1.000	0	92.0	55.4	95.9	16.9	20	
Indeno(1,2,3-cd)pyrene	1.7	0.080	2.004	0	83.3	52.7	88.6	16.0	20	
Surr: Benzo(e)pyrene	16		20.00		80.6	46.4	106	0		

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6969**	SampType: **MBLK**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **PBW**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280297** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	ND	2.5								

Sample ID **LCS-6969**	SampType: **LCS**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **LCSW**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280298** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	19	2.5	20.00	0	93.2	81.1	120			

Sample ID **LCSD-6969**	SampType: **LCSD**	TestCode: **Total Phenolics by SW-846 9067**
Client ID: **LCSS02**	Batch ID: **6969**	RunNo: **9846**
Prep Date: **4/15/2013**	Analysis Date: **4/15/2013**	SeqNo: **280319** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	20	2.5	20.00	0	99.0	81.1	120	5.97	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID	**1303b08-001e dup**	SampType: **dup**		TestCode: **SM4500-H+B: pH**						
Client ID:	**Hilltop Gas Station-**	Batch ID: **R9500**		RunNo: **9500**						
Prep Date:		Analysis Date: **3/28/2013**		SeqNo: **271294**		Units: **pH units**				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	8.22	1.68								H

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1303B08**

23-Apr-13

Client: HRL Compliance Solutions

Project: Enterprise WEP III Water Sampling

Sample ID **MB-6774**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **6774**	RunNo: **9627**
Prep Date: **4/2/2013**	Analysis Date: **4/4/2013**	SeqNo: **274594** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID **LCS-6774**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **6774**	RunNo: **9627**
Prep Date: **4/2/2013**	Analysis Date: **4/4/2013**	SeqNo: **274595** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Sample ID **1303A97-002AMS**	SampType: **MS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **BatchQC**	Batch ID: **6774**	RunNo: **9627**
Prep Date: **4/2/2013**	Analysis Date: **4/4/2013**	SeqNo: **274604** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	5220	40.0	2000	3212	100	80	120			

Sample ID **1303A97-002AMSD**	SampType: **MSD**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **BatchQC**	Batch ID: **6774**	RunNo: **9627**
Prep Date: **4/2/2013**	Analysis Date: **4/4/2013**	SeqNo: **274605** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	5210	40.0	2000	3212	99.9	80	120	0.115	5	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HRL COMPLIANCE SOL Work Order Number: 1303B08 RcptNo: 1

Received by/date: AG 03/28/13

Logged By: Michelle Garcia 3/28/2013 9:53:00 AM

Completed By: Michelle Garcia 3/28/2013 10:38:46 AM

Reviewed By: 03/28/13

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: 0 (<2 or >12 unless noted)

Adjusted? NO

Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.3	Good	Yes			

Chain-of-Custody Record

Client: HRL Compliance Solutions Inc.

Mailing Address: 2385 F½ RD
Grand Junction Co 81505

Phone #: 970 243 3271

email or Fax#: Krowe@HRLComp.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation
☑ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Enterprise WEP III Water Sampling

Project #: 13-110.2

Project Manager: Kay Lambert

Sampler: Kris Rowe

On Ice: ☑ Yes ☐ No

Sample Temperature: 5.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	WQCC List				Air Bubbles (Y or N)
3/27/13	1020	SW	Hilltop Gas station - Pond	various	see Containers	-001												X				
			TRIP BLANK	VOA x3	HCl/Na_2SO_3	-002					X					X						
						03/28/13																

Date	Time	Relinquished by:	Received by:	Date	Time
3/27/13	1130		Christine Walker	3/27/13	1136
3/27/13	1719	Christine Walker		03/28/13	0953

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.