NEW MEXICO
ENVIRONMENT DEPARTMENT

Surface Water Quality Bureau

Harold Runnels Building, N2050
1190 South St. Francis Drive (87505)
P.O. Box 5469, Santa Fe, NM 87502-5469
Phone (505) 827-0187 Fax (505) 827-0160
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SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

RYAN FLYNN
Cabinet Secretary-Designate

BUTCH TONGATE
Deputy Secretary

ERIKA SCHWENDER
Director
Resource Protection Division

Certified Mail - Return Receipt Requested

December 9, 2013

Mr. Daniel H. Olivas, Organizer
ACD Oilfield Services LLC
P.O. Box 553
Lovington, NM 88260

Re: New Natural Gas Pipeline Hydrostatic Testing Water Discharge at County Road (CR) 57A, Santa Fe County, New Mexico; Enterprise Mid-America Natural Gas Pipeline WEP III Project, Segment 3; Minor; Unpermitted Discharge; SIC 4213; NPDES Reconnaissance; NMU001869; November 8, 2013

Dear Mr. Olivas:

Enclosed please find a copy of the report and check list for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Introduction, treatment scheme, and problems noted during this inspection are discussed in the "Further Explanations" section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and advised to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify in writing both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

Racquel Douglas, MS, ET
US Environmental Protection Agency, Region VI
Enforcement Branch (6EN-WM)
1445 Ross Avenue
Dallas, Texas 75202-2733

Bruce Yurdin
New Mexico Environment Department
Surface Water Quality Bureau, Point Source Regulation Section
P.O. Box 5469
Santa Fe, New Mexico 87502

If you have any questions about this inspection report, please contact Erin S. Trujillo of my staff at 505-827-0418.

Sincerely,

/s/Bruce J. Yurdin
Bruce J. Yurdin
Program Manager
Point Source Regulation Section
Surface Water Quality Bureau

cc: Rashida Bowlin, USEPA (6EN-AS) by e-mail
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail
Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
Racquel Douglas, USEPA (6EN-WM) by e-mail
Brent Larsen and Larry Giglio, USEPA (6WQ-PP) by e-mail
Robert Italiano, NMED District II by e-mail
Gabriel Wade, Attorney, EMNRD Oil Conservation Division by e-mail (gabriel.wade@state.nm.us)

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 N 2 5 3	N M U 0 0 1 8 6 9 11	12 1 3 1 1 0 8 17	18 R	19 S 20	2

Remarks: U N P E R M I T T E D D I S C H A R G E

Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved
67 69	70 2	71 N 72	N 73 74	75 80

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time /Date	Permit Effective Date
New Natural Gas Pipeline Hydrostatic Testing Water Discharge at County Road (CR) 57A; Enterprise Mid-America Natural Gas Pipeline WEP III Project, Segment 3. From Santa Fe, take NM 14, approximately 6 miles south of Madrid, New Mexico to CR 57A. Santa Fe County	~1400 hours / 11/08/2013	Unpermitted / Not Applicable
	Exit Time/Date ~1430 hours / 11/08/2013	Permit Expiration Date Unpermitted / Not Applicable

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)

1) James White, Senior Environmental Scientist, Enterprise Products Operating, LLC, 713-381-1785 by telephone on 11/18/2013; 2) Mike Phillip, Superintendent, Price-Gregory International, Inc., 832-544-3526 by telephone on 11/22/2013; 3) Gregorio (Greg) Lopez, Organizer, G&L Trucking LLC 575-390-0581 by telephone on 12/02/2013; and 4) Daniel H. Olivas, Organizer, ACD Oilfield Services LLC, cell 575-390-4885, 575-390-2389, 575-396-0008, by telephone on 11/22/2013

Other Facility Data
Headcut of Tributary
Latitude 35.341782°
Longitude -106.216996°

SIC 4213 (Trucking)

Name, Address of Responsible Official/Title/Phone and Fax Number

Daniel H. Olivas, Organizer, ACD Oilfield Services LLC, P.O. Box 553 Lovington, NM 88260 / cell 575-390-4885, 575-390-2389, 575-396-0008, fax 575-396-0280

Contacted: Yes [*] No [ ]

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

U	**Permit**	N	**Flow Measurement**	N	**Operations & Maintenance**	N	**CSO/SSO**
N	**Records/Reports**	N	**Self-Monitoring Program**	N	**Sludge Handling/Disposal**	N	**Pollution Prevention**
N	**Facility Site Review**	N	**Compliance Schedules**	N	**Pretreatment**	N	**Multimedia**
N	**Effluent/Receiving Waters**	N	**Laboratory**	N	**Storm Water**	N	**Other:**

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. **SEPARATE REPORTS WERE SENT TO ENTERPRISE PRODUCTS OPERATING, LLC (OWNER/OPERATOR); PRICE-GREGORY INTERNATIONAL, INC. (GENERAL CONTRACTOR); G&L TRUCKING LLC (SUBCONTRACTED TRUCKING); AND ACD OILFIELD SERVICES LLC (SUBCONTRACTED TRUCKING) UNDER SEPARATE EPA FORM 3560 REPORTS.**
2. **SEE ATTACHED FURTHER EXPLANATIONS AND PHOTO LOG.**

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Erin S. Trujillo ***/s/Erin S. Trujillo***	**NMED/SWQB/505-827-0418**	**12/06/2013**
Signature of Management QA Reviewer **Sarah Holcomb** ***/s/Sarah Holcomb***	**Agency/Office/Telephone/Fax** **NMED/SWQB/505-827-2798**	**Date** **12/06/2013**

ACD Oilfield Services LLC
New Natural Gas Pipeline Hydrostatic Testing Water Discharge
at County Road (CR) 57A, Santa Fe County, New Mexico
Enterprise Mid-America Natural Gas Pipeline WEP III Project, Segment 3
NPDES Tracking No. NMU001869
Reconnaissance
November 8, 2013

Further Explanations

Introduction

On November 8, 2013, Erin Trujillo of the New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB), conducted a Reconnaissance, abbreviated compliance evaluation inspection, of public right of way following a public complaint of tanker trucks dumping natural gas pipeline hydrostatic test wastewater along County Road 57A, west of New Mexico state highway (NM) 14, in Santa Fe County, New Mexico. The public complaint to NMED indicated that on November 6, 2013, 6 to 7 tanker trucks were observed to be discharging water along the roadway and gravel staging area causing flooding compromising the integrity of the county road. The purpose of this Reconnaissance was to determine compliance with 40 Code of Federal Regulations (CFR) Part 122 and National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

NMED performs a certain number of Reconnaissance and Compliance Evaluation Inspections for the U.S. Environmental Protection Agency (USEPA), Region VI, under the NPDES permit program, in accordance with the Federal Clean Water Act. USEPA uses these inspections to determine compliance with the NPDES permit program. This inspection report is based on information provided by the reporter to NMED, owner/operator representatives, observations made by the NMED inspector.

In the State of New Mexico, the New Mexico Energy Minerals and Natural Resources (EMNRD), Oil Conservation Division (OCD) regulates oil, gas, and geothermal activity in New Mexico. This report also includes a copy of a discharge report and laboratory results from Enterprise Products Operating, LLC, owner of Enterprise Mid-America Pipeline, Western Expansion Pipeline III Project, Segment 3 to OCD. The Enterprise Mid-America Pipeline construction project is about 234 miles of natural gas pipeline. More information on the WEP III project can be obtained from the following U.S. DOI, Bureau of Land Management, Farmington Field Office, New Mexico web site: http://www.blm.gov/nm/st/en/prog/more/lands_realty/western_expansion.html.

Clean Water Act and NPDES Permit Requirements

Section 301 of the Federal Clean Water Act states:

> *Except as in compliance with this section and sections 302, 306, 307, 318, 402 and 404 of this Act, the discharge of any pollutant by any person shall be unlawful.*

40 CFR 122.1(b) states, *"The NPDES program requires permits for the discharge of "pollutants" from any "point source" into "waters of the United States."* The terms pollutant, point source and waters of the United States are defined at §122.2."

40 CFR 122.21(a) states, *"Duty to apply. Any person who discharges or proposes to discharge pollutants"…. "shall submit a complete application (which shall include a BMP program if necessary under 40 CFR 125.102) to the Director in accordance with this section and part 124."*

Reconnaissance Observations (see Photo Log)

The inspector arrived at approximately 1400 hours on November 8, 2013 at CR 57A and NM 14 intersections. No trucks were observed discharging wastewater. Wet soils along the county road ditches were observed for approximately 3.9 miles west of NM 14. Roadway and side ditches appeared dry from approximately 3.9 to 4.9 miles west of NM 14. Ponded water was observed in a constructed swale at the end of county maintenance (sign approximately 3.4 miles west of NM 14). At this location, the constructed swale did not continue to a natural watercourse. Near NM 14, the roadway ditch was connected to a constructed swale. Wet soils continued north in the constructed swale and in the right of way to a headcut of an unnamed tributary (watercourse). Observed at the right of way line fence, soil in the bed of the watercourse also appeared wet.

Owner/Operators

Telephone conversations and information from owner and operator representatives indicated that hydrostatic testing wastewaters from the Enterprise Mid-America Natural Gas Pipeline WEP III Project, Segment 3 were intended to be used as dust control along County Road (CR) 57A, Santa Fe County, New Mexico. The source water for hydrostatic testing was from a groundwater well. No additional chemicals were used or added to the hydrostatic testing waters according to Mr. James White, Senior Environmental Scientist, Enterprise Products Operating, LLC.

Enterprise Products Operating, LLC, owner of the WEP III Project, Segment 3 pipeline construction project during construction and testing, hired Price Gregory International as the general contractor for construction, including hydrostatic testing, of the new natural gas pipeline. Price-Gregory International sub-contracted trucking services to Gregorio (Greg) Lopez to haul hydrostatic testing wastewaters. Mr. Lopez indicated that trucking services were conducted under G&L Trucking LLC; and that G&L Trucking LLC subcontracted additional trucking services to ACD Oilfield Services LLC. Both Mr. Lopez and Mr. Olivas, Organizer, ACD Oilfield Services LLC indicated that Mr. Olivas did not direct drivers and/or activities for subcontracted trucking services.

Additional Information

Prior to November 8, 2013, variable amounts of precipitation was recorded at the following weather stations that are approximately 9 miles north-northeast (Galisteo Stations) and 11 miles southwest (Placitas Station) of CR 57A (source: www.weatherunderground.com):

0.01 in on 11/07/2013, Galisteo Uplands, Lat 35.369°, Long -106.057°, Elev 6200 ft
0.02 in on 11/05/2013, Galisteo Basin, Lat 35.374°, Long -106.042°, Elev 5997 ft
0.59 in on 11/05/2013, Villas de Las Huertas, Placitas, NM, Lat 35.302 °, Long -106.412°, Elev 6290 ft

Based on readily-available aerial photographs and topographic maps, the unnamed unclassified tributary at the right of way line fence of CR57A continues to Largo Arroyo (both subject to Segment 20.6.4.98 *State of New Mexico Standards for Interstate and Intrastate Surface Waters, 20.6.4 New Mexico Administrative Code (NMAC*), thence approximately 14 miles to Galisteo Creek, thence approximately 9 miles to Rio Grande. Unclassified segment 20.6.4.98 NMAC has designated uses of livestock watering, wildlife habitat, marginal warmwater aquatic life and primary contact.

Comparison of Laboratory Results and State of New Mexico Water Quality Standards

For comparison in Table 1 below, some of the concentrations of the hydrostatic testing (HST) wastewater of a sample recorded collected from Segments 3A North Station 547+ of the pipeline on 10/29/2013 (prior to the reported discharge at CR 57A) were compared to selected numeric criteria for designated uses in State of New Mexico Water Quality Standards (NMWQS) in 20.6.4.900 NMAC available at NMED SWQB web site:

http://www.nmcpr.state.nm.us/nmac/parts/title20/20.006.0004.pdf)

Table 1: Comparison of HST Wastewater Concentrations to State of New Mexico WQS

Selected Pollutants	HST Wastewater Result mg/L	Converted Result µg/L	Selected WQS Numeric Criteria µg/L		
			Livestock Watering	Wildlife Habitat	Acute Aquatic Life
Aluminum, dissolved	ND at 0.020	<20			512-10,071*
Arsenic, dissolved	0.0011	1.1	200		340
Barium, dissolved	0.012	12			
Boron, dissolved	0.12	120	5,000		
Cadmium, dissolved	ND at 0.0020	<2.0	50		0.51-5.38*
Chromium, dissolved	ND at 0.0060	<6.0	1,000		
Cobalt, dissolved	ND at 0.0060	<6.0	1,000		
Copper, dissolved	ND at 0.0060	<6.0	500		4-50*
Cyanide, total recoverable	ND at 0.01	<10		5.2	22.0
Lead, dissolved	ND at 0.0010	<0.1	100		14-280*
Manganese, dissolved	1.6	1600			1,881-4,738*
Mercury	ND at 0.00020	0.20	10	0.77	
Molybdenum, dissolved	ND at 0.0080	8.0			
Nickel, dissolved	ND at 0.010	10			140-1,510*
Selenium, dissolved	0.0040	4.0	50		
Silver, dissolved	0.014	14			0.3-35*
Uranium, dissolved	ND at 0.0010	1.0			
Zinc, dissolved	0.012	12	25,000		45-564*

Comparison Notes:

ND = Non Detect

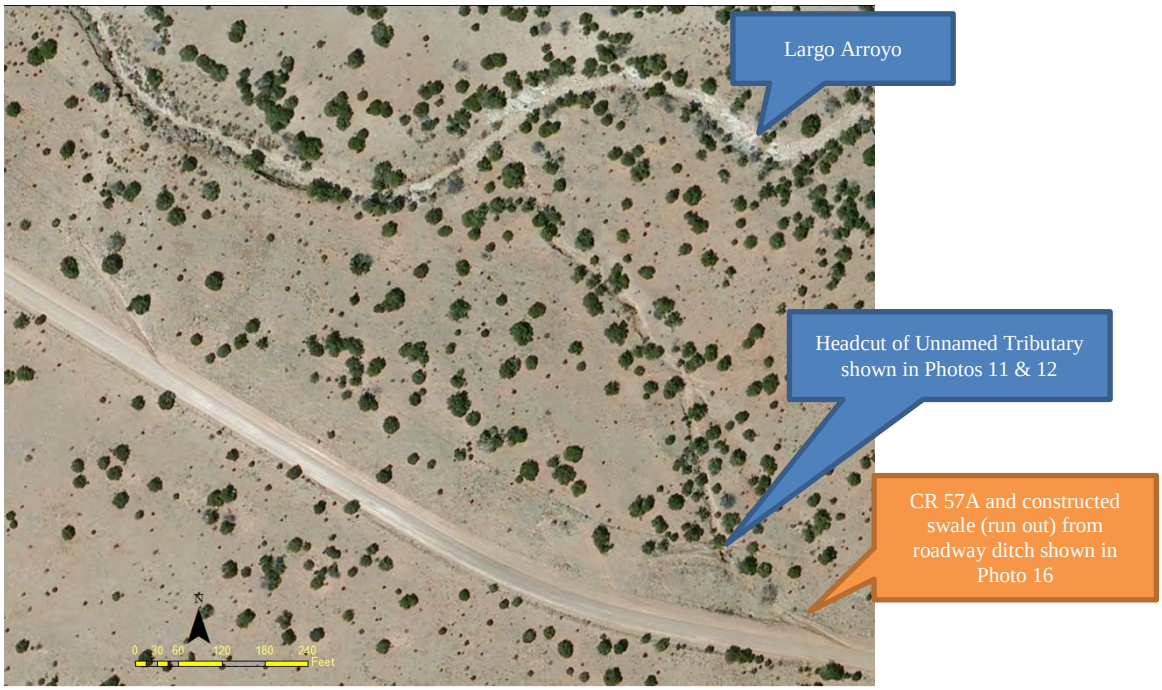
* = Range of acute aquatic life numeric standards at Hardness as CaCO, dissolved (mg/L) between 25 and 400 and above

Hardness concentrations were not provided with the sampling results to determine the applicable Acute Aquatic Life numeric criteria. Depending upon the hardness of the effluent at the time of any discharge, detection limits for Cadmium and Copper may not be low enough to determine if concentrations were below applicable numeric criteria for State of New Mexico surface waters. The detection limit for Cyanide was also not low enough to compare to Wildlife Habitat numeric criteria for State of New Mexico surface waters. Hardness concentration would also be needed to compare the concentration of Silver to the applicable Acute Aquatic Life numeric criteria for State of New Mexico surface waters.

Findings

Any reported over application of hydrostatic testing wastewater for dust control on CR 57A had the potential to enter a tributary to the Rio Grande in at least one observed location (Photos 10-16). An NPDES permit was not obtained for hydrostatic test wastewater discharges. Discharges from hydrostatic testing, in this case from using a groundwater source in a new pipeline, have potential pollutants from natural deposits in the source well. If not managed or monitored in accordance with an NPDES permit, hydrostatic test discharge may be a potential source of contaminants to surface water quality.

NMED/SWQB Aerial Photograph	
City/County: North of Golden / Santa Fe	State: New Mexico
Location: Santa Fe County Road 57A, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A	



NMED/SWQB Official Photograph Log Photo # 1		
Photographer: Erin S. Trujillo, NMED SWQB	Date: 11/8/2013	Time: 1404 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approx. 3.4 miles west of NM 14		
Subject: Looking generally west, wet soils existed on road and along roadway ditch east of county road maintenance sign.		

NMED/SWQB Official Photograph Log Photo # 2		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1405 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approx. 3.4 miles west of NM 14		
Subject: County road maintenance sign shown in previous photo is approximately 3.4 miles west of NM 14. Wet soils existed in constructed swale (run out) visible in background of photo.		

NMED/SWQB Official Photograph Log Photo # 3		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1405 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approx. 3.4 miles west of NM 14		
Subject: Looking north-northwest, wet soils and ponded water in constructed swale (run out) shown in previous photo.		

NMED/SWQB Official Photograph Log Photo # 4		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1406 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approx. 3.4 miles west of NM 14		
Subject: Wet soils and ponded water continued in constructed swale (run out). Soils outside constructed swale were dry.		

NMED/SWQB Official Photograph Log Photo # 5		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1406 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approx. 3.4 miles west of NM 14		
Subject: Looking north-northeast, constructed swale and ponded water shown in previous photos did not continue off the right of way line		

NMED/SWQB Official Photograph Log Photo # 6		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1406 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approx. 3.4 miles west of NM 14		
Subject: Looking south toward CR57A, ponded water in constructed swale shown in previous photos.		

NMED/SWQB Official Photograph Log Photo # 7		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1407 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approx. 3.4 miles west of NM 14		
Subject: Looking east-southeast at CR 57A from Santa Fe County Line. Soils outside roadway and ditches appeared dry.		

NMED/SWQB Official Photograph Log Photo # 8		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1418 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Northwest corner of Intersection of NM 14 and CR 57A		
Subject: Looking north, example of no trespassing/private property sign (Rancho De Chavez, 4020 Vassar Drive NE, Albuquerque, NM 87107; 505-884-3503) on right of way fence along CR 57A.		

NMED/SWQB Official Photograph Log Photo # 9		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1419 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Northwest corner of Intersection of NM 14 and CR 57A		
Subject: Looking north-northwest, evidence of previous sheet flow disturbance of the soils at pull out (staging area) near NM 14. Surface soils appeared relatively dry in this location.		

NMED/SWQB Official Photograph Log Photo # 10		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1423 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A		
Subject: Looking north, north of Photo 16 at CR57A, wet soils continued in shallow channel to right of way line fence.		

NMED/SWQB Official Photograph Log Photo # 11		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1424 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A		
Subject: Looking north, wet soils continued in head cut of tributary (watercourse) at right of way line fence.		

NMED/SWQB Official Photograph Log Photo # 12		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1424 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A		
Subject: Looking north, tributary (watercourse) continues north of right of way fence.		

NMED/SWQB Official Photograph Log Photo # 13		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1424 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A		
Subject: Looking north-northeast, darker soils appearing wet existed in tributary (watercourse) north of right of way fence on private property.		

NMED/SWQB Official Photograph Log Photo # 14		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1424 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A		
Subject: Looking north, tributary (watercourse) north of right of way fence continued north on private property.		

NMED/SWQB Official Photograph Log Photo # 15		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1425 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A		
Subject: Looking north-northeast, darker wet soils existed in tributary (watercourse) north of right of way fence on private property shown in previous photo.		

NMED/SWQB Official Photograph Log Photo # 16		
Photographer: Erin S. Trujillo	Date: 11/8/2013	Time: 1425 hours
City/County: North of Golden / Santa Fe		State: New Mexico
Location: Santa Fe County Road 57A Right of Way, Approximately 1,500 Feet Northwest of Intersection of NM 14 and CR 57A		
Subject: Looking east, wet soils north of County Road 57A (location of vehicle) existed in constructed swale continued to area where the channel is less defined. Wet soils continued north as shown in Photos 10 thru 14.		

From: White, James
To: Trujillo, Erin S, NMENV
Subject: Re: Enterprise WEP III, Seg 3 - Unexpected Discharge of Hydrotest Water
Date: Tuesday, December 03, 2013 4:48:45 PM

Cool. Thanks!

Jimmy White
713-392-2458 Mobile
713-381-1785 Direct
jagwhite@eprod.com
Sent from iPhone

On Dec 3, 2013, at 5:46 PM, "Trujillo, Erin S, NMENV" <erin.trujillo@state.nm.us> wrote:

> Report has not been sent. Headcut of Tributary = Latitude 35.341782°, Longitude -106.216996°. Report may address the rest of your questions.
>
>
> Erin S. Trujillo
> New Mexico Environment Department
> Surface Water Quality Bureau, Room N2050
> Point Source Regulation Section, Industrial Team
> P.O. Box 5469 - 1190 St. Francis Dr, Santa Fe, NM 87505
> Santa Fe, New Mexico 87502 - 5469
>
> 505-827-0418, Fax 505-827-0160
> erin.trujillo@state.nm.us
>
> For Surface Water Quality Bureau Information, see www.nmenv.state.nm.us/swqb.
>
>
>
> -----Original Message-----
> From: White, James [mailto:JAGWHITE@eprod.com]
> Sent: Tuesday, December 03, 2013 4:30 PM
> To: Trujillo, Erin S, NMENV
> Subject: Re: Enterprise WEP III, Seg 3 - Unexpected Discharge of Hydrotest Water
>
> Thanks, Erin. Sorry I missed your call today and didn't catch you when i tried you back.
>
> Has your report already gone out or do you know when it will go? Can you send location information for the arroyo that you are noting in your report? I am trying to get out to some of these areas where water was applied before we meet with NMOCD next week. Also, did you note weather conditions and ground (saturation) conditions outside the area directly affected by water being reused for dust control? I learned today that roads may have already been wet from precipitation.
>
> Thanks!
>
> Jimmy White
> 713-392-2458 Mobile
> 713-381-1785 Direct
> jagwhite@eprod.com
> Sent from iPhone
>
> On Dec 3, 2013, at 1:42 PM, "Trujillo, Erin S, NMENV" <erin.trujillo@state.nm.us> wrote:
>
>> Jimmy White,

>>
>> I had received the e-mail below and attachment. I will include this information in the NPDES report.
>>
>> Erin
>>
>>
>> Erin S. Trujillo
>> New Mexico Environment Department
>> Surface Water Quality Bureau, Room N2050 Point Source Regulation
>> Section, Industrial Team P.O. Box 5469 - 1190 St. Francis Dr, Santa
>> Fe, NM 87505 Santa Fe, New Mexico 87502 - 5469 505-827-0418, Fax
>> 505-827-0160 erin.trujillo@state.nm.us
>>
>> For Surface Water Quality Bureau Information, see www.nmenv.state.nm.us/swqb.
>>
>>
>>
>> From: Wade, Gabriel, EMNRD
>> Sent: Tuesday, November 19, 2013 10:56 AM
>> To: Trujillo, Erin S, NMENV
>> Subject: FW: Enterprise WEP III, Seg 3 - Unexpected Discharge of
>> Hydrotest Water
>>
>>
>>
>> From: Jones, Brad A., EMNRD
>> Sent: Monday, November 18, 2013 4:39 PM
>> To: Wade, Gabriel, EMNRD
>> Subject: FW: Enterprise WEP III, Seg 3 - Unexpected Discharge of
>> Hydrotest Water
>>
>>
>>
>> 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<mailto:brada.jones@state.nm.us>
>> Office: (505) 476-3487
>> Fax: (505) 476-3462
>>
>> From: White, James [mailto:JAGWHITE@eprod.com]
>> Sent: Thursday, November 14, 2013 4:27 PM
>> To: Jones, Brad A., EMNRD
>> Cc: Bates, Ricky; 'Leland "Luke" Davis
>> (luke1d@msn.com<mailto:luke1d@msn.com>)'; Seale, Runell; Theresa
>> Ancell; Barbara Everett; Eileen L. Shannon
>> (EShannon@kleinfelder.com<mailto:EShannon@kleinfelder.com>)
>> Subject: Enterprise WEP III, Seg 3 - Unexpected Discharge of Hydrotest
>> Water
>>
>> Brad,
>>
>> To follow our phone conversations today in relation to unexpected discharge of hydrotest water from Western Expansion Pipeline III, Segment 3, please find required notification information below. Remaining water is now slated to be hauled to the Gandy SWD in Tatum per the NOI submitted for Segment 3 hydro discharge. Analytical results of water discharged are attached. It appears that only iron and manganese are above either source water analytical from Bill King well or 20.6.2.3103

standards.
>>
>>
>> 1) Name, address, phone number of person in charge of facility; owner/operator of facility:
>>
>> a. Ricky Bates, Project Manager, 1100 Louisiana St, Houston, Texas, 77002, 713-381-4844; Enterprise Products Operating LLC.
>>
>> 2) Name and address of facility
>>
>> a. Western Expansion Pipeline III, Segment 3; facility is a new pipeline being constructed from the southeast corner of Sandoval County, across northeastern tip of Bernalillo County, across southeastern corner of Santa Fe County, and down to I-40 in Torrance County.
>>
>> 3) Date, time, location, duration of discharge:
>>
>> a. November 5-7, 2013; periodically during the day between approximately 8am and 4pm; on right-of-way (ROW) and on county roads used to access ROW; duration would have been periodically each day as it was being discharged from water sprinkler trucks.
>>
>> 4) Source and cause of discharge:
>>
>> a. Water was originally from the Bill King agriculture irrigation well and was then placed into new steel pipe and used to hydrotest new pipe, water was then removed from new steel pipe and placed in water sprinkler trucks for dust control; water was being used as dust control
>>
>> 5) Description of discharge, including chemical composition:
>>
>> a. Water was transferred from new steel pipe into water sprinkler trucks and spread onto ROW and county roads for dust control; no chemicals or additives were added to test water, see attached analytical data for water quality post hydro-test.
>>
>> 6) Estimated volume of discharge:
>>
>> a. Enterprise has determined that a maximum of 330,000 gallons of water were applied for dust control, Enterprise is unable at this time to delineate volume used on ROW vs volume used on county roads.
>>
>> 7) Actions taken to mitigation immediate damage from discharge:
>>
>> a. No apparent damage has been noted, water quality analysis shows only iron and manganese to be above either background or 20.6.2.3103 limits, both iron and manganese are naturally occurring in the soil, mitigation beyond ceasing discharge has not been implemented.
>>
>>
>> Please advise with further informational needs.
>>
>> Thank you,
>> Jimmy
>>
>>
>> James G. "Jimmy" White
>> Sr. Environmental Scientist
>> Enterprise Products
>> 713-381-1785 Direct
>> 713-392-2458 Mobile
>> jagwhite@eprod.com<mailto:jagwhite@eprod.com>
>>
>>
>> _____

>>
>> This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.
>> <Seg 3_Post-test_Analytical Rpt_1310D89_Final_v1.pdf - Adobe
>> Acrobat.pdf>

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

Theresa Ancell
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505
TEL: (970) 462-5440
FAX

RE: Enterprise WEP III Water Sampling OrderNo.: 1310D89

Dear Theresa Ancell:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/29/2013 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1310D89**
Date Reported: **11/12/2013**

CLIENT: HRL Compliance Solutions
Client Sample ID: Segments 3A North Station 547+
Project: Enterprise WEP III Water Sampling
Collection Date: 10/29/2013 12:00:00 PM
Lab ID: 1310D89-001
Matrix: AQUEOUS
Received Date: 10/29/2013 4:58:00 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 2:13:23 PM	10106
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	10/31/2013 5:21:20 PM	10118
Aroclor 1221	ND	1.0		µg/L	1	10/31/2013 5:21:20 PM	10118
Aroclor 1232	ND	1.0		µg/L	1	10/31/2013 5:21:20 PM	10118
Aroclor 1242	ND	1.0		µg/L	1	10/31/2013 5:21:20 PM	10118
Aroclor 1248	ND	1.0		µg/L	1	10/31/2013 5:21:20 PM	10118
Aroclor 1254	ND	1.0		µg/L	1	10/31/2013 5:21:20 PM	10118
Aroclor 1260	ND	1.0		µg/L	1	10/31/2013 5:21:20 PM	10118
Surr: Decachlorobiphenyl	103	17-123		%REC	1	10/31/2013 5:21:20 PM	10118
Surr: Tetrachloro-m-xylene	91.2	22.6-113		%REC	1	10/31/2013 5:21:20 PM	10118
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	10/31/2013 3:14:20 PM	10092
1-Methylnaphthalene	ND	2.0		µg/L	1	10/31/2013 3:14:20 PM	10092
2-Methylnaphthalene	ND	2.0		µg/L	1	10/31/2013 3:14:20 PM	10092
Acenaphthylene	ND	2.5		µg/L	1	10/31/2013 3:14:20 PM	10092
Acenaphthene	ND	5.0		µg/L	1	10/31/2013 3:14:20 PM	10092
Fluorene	ND	0.80		µg/L	1	10/31/2013 3:14:20 PM	10092
Phenanthrene	ND	0.60		µg/L	1	10/31/2013 3:14:20 PM	10092
Anthracene	ND	0.60		µg/L	1	10/31/2013 3:14:20 PM	10092
Fluoranthene	ND	0.30		µg/L	1	10/31/2013 3:14:20 PM	10092
Pyrene	ND	0.30		µg/L	1	10/31/2013 3:14:20 PM	10092
Benz(a)anthracene	ND	0.070		µg/L	1	10/31/2013 3:14:20 PM	10092
Chrysene	ND	0.20		µg/L	1	10/31/2013 3:14:20 PM	10092
Benzo(b)fluoranthene	ND	0.10		µg/L	1	10/31/2013 3:14:20 PM	10092
Benzo(k)fluoranthene	ND	0.070		µg/L	1	10/31/2013 3:14:20 PM	10092
Benzo(a)pyrene	ND	0.070		µg/L	1	10/31/2013 3:14:20 PM	10092
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	10/31/2013 3:14:20 PM	10092
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	10/31/2013 3:14:20 PM	10092
Indeno(1,2,3-cd)pyrene	ND	0.25		µg/L	1	10/31/2013 3:14:20 PM	10092
Surr: Benzo(e)pyrene	72.6	43.2-113		%REC	1	10/31/2013 3:14:20 PM	10092
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	ND	0.50		mg/L	5	10/30/2013 5:41:09 PM	R14472
Chloride	350	10		mg/L	20	10/30/2013 5:53:34 PM	R14472
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	10/30/2013 5:41:09 PM	R14472
Sulfate	950	10		mg/L	20	10/30/2013 5:53:34 PM	R14472
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: Segments 3A North Station 547+
Project: Enterprise WEP III Water Sampling
Collection Date: 10/29/2013 12:00:00 PM
Lab ID: 1310D89-001
Matrix: AQUEOUS
Received Date: 10/29/2013 4:58:00 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 3:51:29 PM	R14586
Barium	0.012	0.0020		mg/L	1	10/31/2013 1:27:59 PM	R14514
Boron	0.12	0.040		mg/L	1	11/5/2013 3:51:29 PM	R14586
Cadmium	ND	0.0020		mg/L	1	10/31/2013 1:27:59 PM	R14514
Chromium	ND	0.0060		mg/L	1	10/31/2013 1:27:59 PM	R14514
Cobalt	ND	0.0060		mg/L	1	11/5/2013 3:51:29 PM	R14586
Copper	ND	0.0060		mg/L	1	10/31/2013 1:27:59 PM	R14514
Iron	15	0.40	*	mg/L	20	11/5/2013 3:53:10 PM	R14586
Manganese	1.6	0.010	*	mg/L	5	10/31/2013 1:29:43 PM	R14514
Molybdenum	ND	0.0080		mg/L	1	11/5/2013 3:51:29 PM	R14586
Nickel	ND	0.010		mg/L	1	10/31/2013 1:27:59 PM	R14514
Silver	0.014	0.0050		mg/L	1	10/31/2013 1:27:59 PM	R14514
Zinc	0.012	0.010		mg/L	1	10/31/2013 1:27:59 PM	R14514
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	0.0011	0.0010		mg/L	1	10/30/2013 5:45:22 PM	R14464
Lead	ND	0.0010		mg/L	1	10/31/2013 3:22:36 PM	R14495
Selenium	0.0040	0.0010		mg/L	1	10/30/2013 5:45:22 PM	R14464
Uranium	ND	0.0010		mg/L	1	10/31/2013 3:22:36 PM	R14495
EPA METHOD 245.1: MERCURY						Analyst:	**JML**
Mercury	ND	0.00020		mg/L	1	11/4/2013 5:23:02 PM	10167
EPA METHOD 8260B: VOLATILES						Analyst:	**DJF**
Benzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Toluene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Ethylbenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Naphthalene	ND	2.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1-Methylnaphthalene	ND	4.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
2-Methylnaphthalene	ND	4.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Acetone	ND	10		µg/L	1	10/30/2013 12:28:02 PM	R14463
Bromobenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Bromodichloromethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Bromoform	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Bromomethane	ND	3.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
2-Butanone	ND	10		µg/L	1	10/30/2013 12:28:02 PM	R14463

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: Segments 3A North Station 547+
Project: Enterprise WEP III Water Sampling
Collection Date: 10/29/2013 12:00:00 PM
Lab ID: 1310D89-001
Matrix: AQUEOUS
Received Date: 10/29/2013 4:58:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Carbon disulfide	ND	10		µg/L	1	10/30/2013 12:28:02 PM	R14463
Carbon Tetrachloride	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Chlorobenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Chloroethane	ND	2.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Chloroform	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Chloromethane	ND	3.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
2-Chlorotoluene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
4-Chlorotoluene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
cis-1,2-DCE	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Dibromochloromethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Dibromomethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,1-Dichloroethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,1-Dichloroethene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2-Dichloropropane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,3-Dichloropropane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
2,2-Dichloropropane	ND	2.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,1-Dichloropropene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Hexachlorobutadiene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
2-Hexanone	ND	10		µg/L	1	10/30/2013 12:28:02 PM	R14463
Isopropylbenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
4-Isopropyltoluene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
4-Methyl-2-pentanone	ND	10		µg/L	1	10/30/2013 12:28:02 PM	R14463
Methylene Chloride	ND	3.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
n-Butylbenzene	ND	3.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
n-Propylbenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
sec-Butylbenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Styrene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
tert-Butylbenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
trans-1,2-DCE	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463

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

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
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: Segments 3A North Station 547+
Project: Enterprise WEP III Water Sampling
Collection Date: 10/29/2013 12:00:00 PM
Lab ID: 1310D89-001
Matrix: AQUEOUS
Received Date: 10/29/2013 4:58:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**DJF**
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Trichlorofluoromethane	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Vinyl chloride	ND	1.0		µg/L	1	10/30/2013 12:28:02 PM	R14463
Xylenes, Total	ND	1.5		µg/L	1	10/30/2013 12:28:02 PM	R14463
Surr: 1,2-Dichloroethane-d4	90.8	70-130		%REC	1	10/30/2013 12:28:02 PM	R14463
Surr: 4-Bromofluorobenzene	94.5	70-130		%REC	1	10/30/2013 12:28:02 PM	R14463
Surr: Dibromofluoromethane	93.8	70-130		%REC	1	10/30/2013 12:28:02 PM	R14463
Surr: Toluene-d8	94.6	70-130		%REC	1	10/30/2013 12:28:02 PM	R14463
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	7.09	1.68	H	pH units	1	10/30/2013 8:14:32 PM	R14479
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	1930	40.0	*	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: 1310D89-002
Matrix: TRIP BLANK
Received Date: 10/29/2013 4:58:00 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 2:27:12 PM	10106
EPA METHOD 8260B: VOLATILES						Analyst:	**DJF**
Benzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Toluene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Ethylbenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Naphthalene	ND	2.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1-Methylnaphthalene	ND	4.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
2-Methylnaphthalene	ND	4.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Acetone	ND	10		µg/L	1	10/30/2013 2:35:13 PM	R14463
Bromobenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Bromodichloromethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Bromoform	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Bromomethane	ND	3.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
2-Butanone	ND	10		µg/L	1	10/30/2013 2:35:13 PM	R14463
Carbon disulfide	ND	10		µg/L	1	10/30/2013 2:35:13 PM	R14463
Carbon Tetrachloride	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Chlorobenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Chloroethane	ND	2.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Chloroform	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Chloromethane	ND	3.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
2-Chlorotoluene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
4-Chlorotoluene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
cis-1,2-DCE	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Dibromochloromethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Dibromomethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,1-Dichloroethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,1-Dichloroethene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2-Dichloropropane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463

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: 1310D89-002 **Matrix:** TRIP BLANK **Received Date:** 10/29/2013 4:58:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
2,2-Dichloropropane	ND	2.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,1-Dichloropropene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Hexachlorobutadiene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
2-Hexanone	ND	10		µg/L	1	10/30/2013 2:35:13 PM	R14463
Isopropylbenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
4-Isopropyltoluene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
4-Methyl-2-pentanone	ND	10		µg/L	1	10/30/2013 2:35:13 PM	R14463
Methylene Chloride	ND	3.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
n-Butylbenzene	ND	3.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
n-Propylbenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
sec-Butylbenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Styrene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
tert-Butylbenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
trans-1,2-DCE	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Trichlorofluoromethane	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Vinyl chloride	ND	1.0		µg/L	1	10/30/2013 2:35:13 PM	R14463
Xylenes, Total	ND	1.5		µg/L	1	10/30/2013 2:35:13 PM	R14463
Surr: 1,2-Dichloroethane-d4	93.8	70-130		%REC	1	10/30/2013 2:35:13 PM	R14463
Surr: 4-Bromofluorobenzene	93.3	70-130		%REC	1	10/30/2013 2:35:13 PM	R14463
Surr: Dibromofluoromethane	98.2	70-130		%REC	1	10/30/2013 2:35:13 PM	R14463
Surr: Toluene-d8	91.1	70-130		%REC	1	10/30/2013 2:35:13 PM	R14463

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 #:**	131031012
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1310D89
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	131031012-001	**Sampling Date**	10/29/2013	**Date/Time Received**	10/31/2013 11:25 AM
Client Sample ID	1310D89-001I / SEGMENTS 3A NORTH STATION 547+32			**Sampling Time**	12:00 PM
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.

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

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: 1310D89 RcptNo: 1

Received by/date: LM 10/29/13

Logged By: **Michelle Garcia** 10/29/2013 4:58:00 PM Michelle Garcia

Completed By: **Michelle Garcia** 10/30/2013 8:33:36 AM 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 ☐
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? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
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? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 2 (<2 or >12 unless noted)
Adjusted? NO
Checked by: JB

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	2.6	Good	Not Present			

Chain-of-Custody Record

Client: HRL Compliance Solutions Inc

Mailing Address: 2385 F 1/2 Road
Grand Junction, CO 81505

Phone #: 970 ~~243~~ 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 #: Segment 3A North Station 547+32

Project Manager: Theresa Ancell

Sampler: Mark Sikelianos

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.6

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1310D89	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 No Rad				Air Bubbles (Y or N)
10/29/13	1200	Aqueous	Segment 3A North Station 547+32	3-40ml VOA	HCl	-001												X				
				2-40ml VOA	Solid																	
			5	3-1L Amber																		
			10/30/13 PEL T.A.	1-1L Amber	H_2SO_4																	
				1-500ml	Plastic																	
				1-125ml	H_2SO_4																	
				1-500ml	HNO_3																	
				1-125ml	HNO_3																	
				1-500ml	NaOH																	
			TRIP BLANKS		3-40ml VOAs	-002																

Date:	Time:	Relinquished by:	Received by:	Date	Time
10/29/13	1658	[signature]	[signature]	10/29/13	1658
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: NMWQCC No RAD

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.