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Q2 2012 GWMR

08 / 27 / 2012

LAT 20-127/2011



August 27, 2012

www.animasenvironmental.com

624 E. Comanche Farmington, NM 87401 505-564-2281

> Durango, Colorado 970-403-3274

Glenn von Gonten New Mexico Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

RE: 2nd Quarter 2012 Groundwater Monitoring Report

Enterprise Products Company

Lateral 2D-1LP (Olmer #4) August 2011 Pipeline Release

San Juan County, New Mexico

Dear Mr. von Gonten:

Animas Environmental Services, LLC (AES), on behalf of Enterprise Products Company, has prepared this 2nd Quarter 2012 Groundwater Monitoring Report for the Lateral 2D-1LP (Olmer 34) August 2011 Pipeline Release in accordance with New Mexico Oil Conservation Division (NMOCD) and New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) regulations. This is the third quarterly monitoring and sampling event for the subject release location.

A quarterly groundwater monitoring and sampling event was completed June 28, 2012, in accordance with a workplan previously prepared by AES and dated September 28, 2011. The workplan was submitted to the NMOCD for review prior to implementing the proposed scope of work.

1.0 Site Information

1.1 Site Location

The release is located along the Enterprise Lateral 2D-1LP leading from the Olmer #4 well tie within the SW¼ NE¾, Section 26, T28N, R10W, San Juan County, New Mexico. Latitude and longitude of the release were recorded as N36.63388 by W107.86387, respectively. A topographic site location map is included as Figure 1.

The location of the release is within a floodplain associated with Armenta Wash. Surface runoff drains north to an unnamed arroyo which discharges into the Armenta Wash, and depth of groundwater is approximately 8 feet below ground surface (bgs).

1.2 Release History

A release was reported at the location on August 2, 2011, by Shane Cooley of Enterprise. The cause of the release was attributed to a line leak due to corrosion. Remedial excavation activities were conducted on August 8, 2011, and AES collected soil samples from the base and mid-walls of the excavation, which measured approximately 20 feet by 20 feet by 8 feet deep. Benzene, toluene, ethylbenzene, and xylene (BTEX) and total petroleum hydrocarbon (TPH) concentrations for all three soil samples collected were either below laboratory detection limits or below applicable NMOCD action levels. A grab sample from shallow groundwater was also collected from near the base of the excavation for laboratory analysis. Dissolved phase benzene, toluene, and total xylene concentrations were reported above the New Mexico Water Quality Control Commission (WQCC) standards for groundwater.

On August 23, 2011, the excavation was extended to approximately 4 feet below the pipeline, for a total depth of 12 feet bgs. The excavation was extended horizontally resulting in an excavation area approximately 30 feet by 20 feet. Prior to backfilling the excavation, one groundwater sample was collected from the excavation for laboratory analysis. Dissolved phase benzene concentrations were reported above the WQCC standard with 31 μ g/L. No soil samples were collected during the August 23, 2011, excavation activities since the soil samples collected from the excavation on August 8, 2011, were below NMOCD action levels.

1.3 Groundwater Investigation – November 2011

On November 29, 2011, a groundwater investigation was conducted by AES in order to delineate the full extent of petroleum hydrocarbon impact on groundwater resulting from the release. The investigation included the installation of four soil borings (SB-1 through SB-4), which were completed as groundwater monitor wells (MW-1 through MW-4).

Soil analytical results confirmed that soil samples collected from SB-1 through SB-4 were below NMOCD action levels or below laboratory detection limits for benzene, total BTEX, and TPH. Groundwater analytical results for samples collected from MW-1 through MW-4 showed that concentrations for BTEX were below applicable WQCC standards, and TPH concentrations were below laboratory detection limits.

Based upon the results of the groundwater investigation associated with the Olmer #4 Pipeline release, it was determined groundwater was not impacted within the source area above applicable WQCC standards, and AES recommended at least three additional quarterly groundwater monitoring and sampling events to confirm contaminant concentrations remain below WQCC standards.

1.4 Groundwater Monitoring – March 2012

AES conducted groundwater monitoring and sampling on March 9, 2012. Groundwater analytical results showed that BTEX and TPH concentrations were either below laboratory detection limits or well below applicable WQCC standards.

2.0 Groundwater Monitoring and Sampling June - 2012

On June 28, 2012, groundwater monitoring and sampling were conducted by AES in MW-1 through MW-4. Work was completed in accordance with the workplan prepared by AES and dated September 28, 2011, and also in accordance with U.S. Environmental Protection Agency (USEPA) Environmental Response Team's Standard Operating Procedures (SOPs), and applicable American Society of Testing and Materials (ASTM) standards.

2.1 Groundwater Measurements and Water Quality

Prior to sample collection, depth to groundwater in each well was measured with a Keck Water Level Indicator, and water quality data was measured with a YSI Water Quality Meter. Water quality measurements were recorded and included pH, temperature, conductivity, dissolved oxygen (DO), and oxidation reduction potential (ORP). Depth to groundwater measurements and water quality data were recorded onto Water Sample Collection forms. Depths to groundwater varied across the site and were observed to range from 8.34 feet below top of casing (TOC) in MW-3 to 11.93 feet below TOC in MW-4. Groundwater elevations are presented on Figure 2.

Following depth to water measurement, each well was purged with a disposable bailer until recorded temperature, pH, conductivity, and DO measurements were stabilized. All data was recorded onto Water Sample Collection Forms. Groundwater temperature ranged from 15.94°C in MW-1 to 19.17°C in MW-3, and conductivity ranged from 4.642 mS in MW-1 to 9.630 mS in MW-3. DO concentrations were between 1.56 mg/L in MW-1 and 2.83 mg/L in MW-4, and pH ranged from 6.59 in MW-3 to 7.44 in MW-4. Although DO was recorded during field activities, it should be noted that due to the use of bailers, the accuracy of dissolved oxygen measurements is limited. Depth to groundwater measurements and water quality data are summarized in Table 1. Water Sample Collection forms are presented in Appendix A.

2.2 Groundwater Laboratory Analyses

Groundwater samples were collected with new disposable bailers from a total of four monitor wells and transferred into appropriate sample containers, labeled accordingly, and documented on Water Sample Collection Forms. Samples were shipped in insulated coolers containing ice at less than 6°C to Hall Environmental Analytical Laboratory (Hall) in Albuquerque, New Mexico. All groundwater analytical samples were analyzed for BTEX

per USEPA Method 8260 and TPH as gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015B.

2.2.1 Groundwater Analytical Results

Analytical results from groundwater samples collected during the June 2012 sampling event showed that BTEX concentrations were reported below the laboratory detection limits in MW-1, MW-2, and MW-4. Dissolved phase benzene concentrations were reported at 1.5 μ g/L in MW-3. TPH as GRO/DRO concentrations were reported below the laboratory detection limits for monitor wells MW-1, MW-2, and MW-4. MW-3 had GRO concentrations of 0.11 mg/L. Groundwater analytical results are included in Table 2 and on Figure 3. Groundwater analytical laboratory reports are presented in Appendix A.

3.0 Conclusion and Recommendations

On June 28, 2012, AES personnel conducted groundwater monitoring and sampling at the Lateral 2D-1LP (Olmer #4) August 2011 pipeline release location. Groundwater analytical results showed that contaminants of concern (BTEX) were below applicable WQCC standards for the third consecutive quarter for all the monitor wells (MW-1 through MW-4). TPH concentrations were below laboratory detection limits, except in MW-3 with 0.11 mg/kg.

Based on current site data and in accordance with the project workplan, AES will conduct one additional quarterly sampling event to ensure four consecutive quarters of groundwater contaminant concentrations below WQCC standards. The next sampling event is tentatively scheduled for September 2012.

If you have any questions regarding site conditions or this report, please do not hesitate to contact Tami Ross or Ross Kennemer at (505) 564-2281.

Sincerely,

Landrea Cupps

Environmental Scientist

Sandre R. Cupps

Elizabeth McNally, P.E.

New Mexico Registration #15799

Elizabeth W. Mervelly-

Attachments:

Tables

Table 1. Summary of Groundwater Measurement and Water Quality Data

Table 2. Summary of Groundwater Analytical Results

Figures

Figure 1. Topographic Site Location Map

Figure 2. General Site Map and Groundwater Elevations, June 2012

Figure 3. Groundwater Contaminant Concentrations, June 2012

Appendix A

Water Sample Collection Forms

Groundwater Analytical Laboratory Reports (Hall 1206C51)

cc: Brandon Powell

New Mexico Oil Conservation Division

1000 Rio Brazos Road Aztec, New Mexico 87410

Aaron Dailey

Enterprise Products Company

614 Reilly Avenue

Farmington, New Mexico 87401

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TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA Enterprise Products Company Olmer #4 (Lateral 2D-1LP) Pipeline Release San Juan County, New Mexico

		Depth to					Dissolved		
		Water	Surveyed	GW Elev.		Conductivity	Oxygen	Temp.	ORP
Well ID	Date	(ft)	70C (ft)	(ft)	μд	(mS)	(mg/L)	(3ē)	(mV)
MW-1	29-Dec-11	9.92	5467.98	5458.06	7.14	4.530	1.48	12.47	382.3
MW-1	09-Mar-12	9.74	5467.98	5458.24	7.46	4.648	1.46	10.97	78.3
MW-1	28-Jun-12	10.36	5467.98	5457.62	7.03	4.642	1.56	15.94	31.4
MW-2	29-Dec-11	9.10	5468.10	5459.00	7.13	4.624	1.28	12.06	382.1
MW-2	09-Mar-12	8.92	5468.10	5459.18	7.25	4.691	1.18	11.22	57.3
MW-2	28-Jun-12	9.53	5468.10	5458.57	7.16	4.700	1.68	16.42	20.3
MW-3	29-Dec-11	7.94	5468.56	5460.62	6.67	8.440	2.29	10.44	295.1
MW-3	09-Mar-12	7.75	5468.56	5460.81	6.70	9.782	2.20	9.51	-100.7
MW-3	28-Jun-12	8.34	5468.56	5460.22	6.59	9.630	2.51	19.17	-78.2
MW-4	29-Dec-11	11.51	5467.99	5456.48	6.42	4.712	3.19	13.15	374.7
MW-4	09-Mar-12	11.33	5467.99	5456.66	7.30	5.345	4.30	10.77	6.66
MW-4	28-Jun-12	11.93	5467.99	5456.06	7.44	5.289	2.83	17.05	18.9

SUMMARY OF GROUNDWATER ANALYTICALS RESULTS

Enterprise Products Company Olmer #4 (Lateral 2D-1LP) Pipeline Release

San Juan County, New Mexico

Well ID	Date Sampled	Benzene	Toluene	Ethyl- benzene	Xylenes	GRO C6-C10	DRO C10-C22
		7/6rl	7/6n	1/6rl	7/6rl	mg/L	1/bш
Sa	Sample Method		EPA Method 8021/8260	8021/8260		EPA Meth	EPA Method 8015B
WQC	WQCC STANDARD	10	05/	05/	979	NE	NE
MW-1	29-Dec-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-1	09-Mar-12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-1	28-Jun-12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-2	29-Dec-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-2	09-Mar-12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-2	28-Jun-12	0.1>	<1.0	<1.0	<2.0	<0.050	<1.0
MW-3	29-Dec-11	<2.0	<2.0	2.4	<4.0	<0.10	<1.0
MW-3	09-Mar-12	2.2	<1.0	5.1	<2.0	0.10	<1.0
MW-3	28-Jun-12	1.5	<1.0	<1.0	<2.0	0.11	<1.0
MW-4	29-Dec-11	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
MW-4	09-Mar-12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-4	28-Jun-12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0

Notes:

Analyte not detected above listed method limit

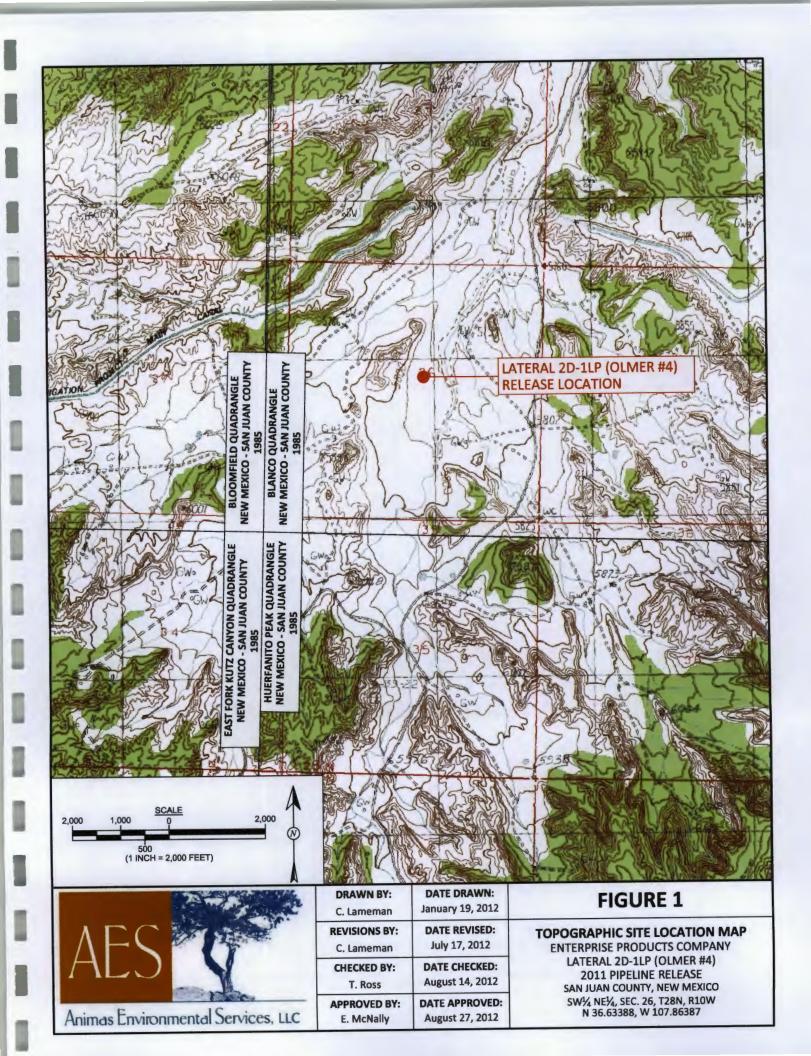
Not analyzed ¥ ¥

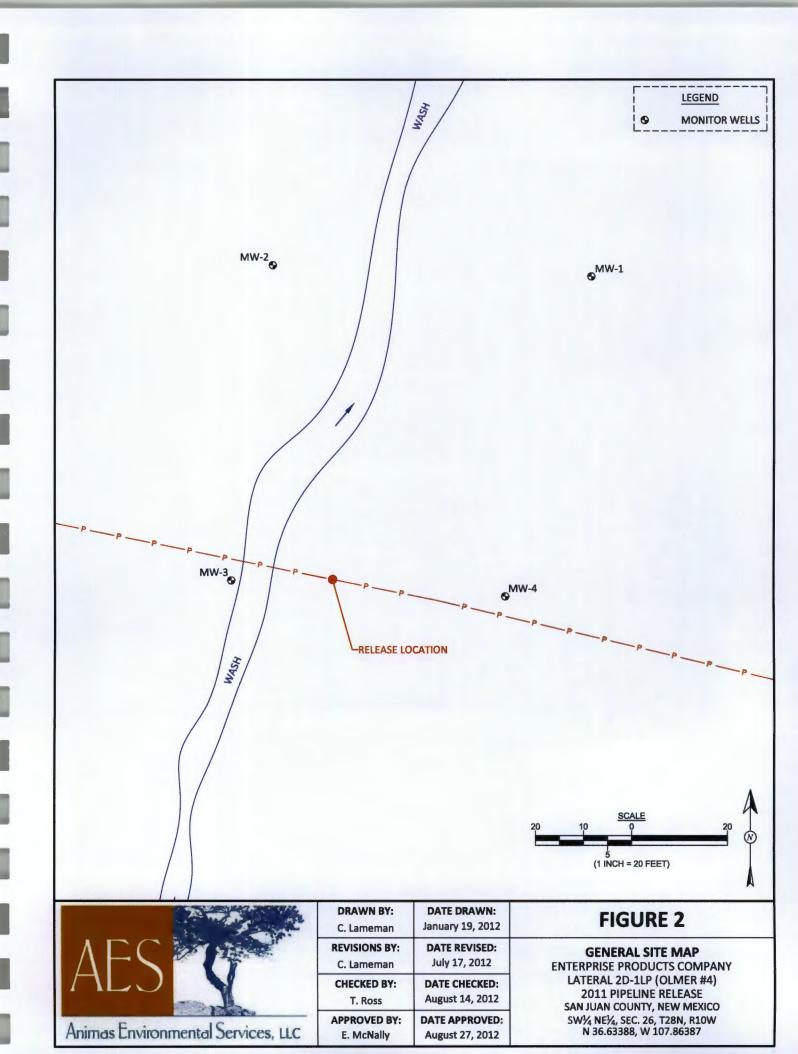
Not established

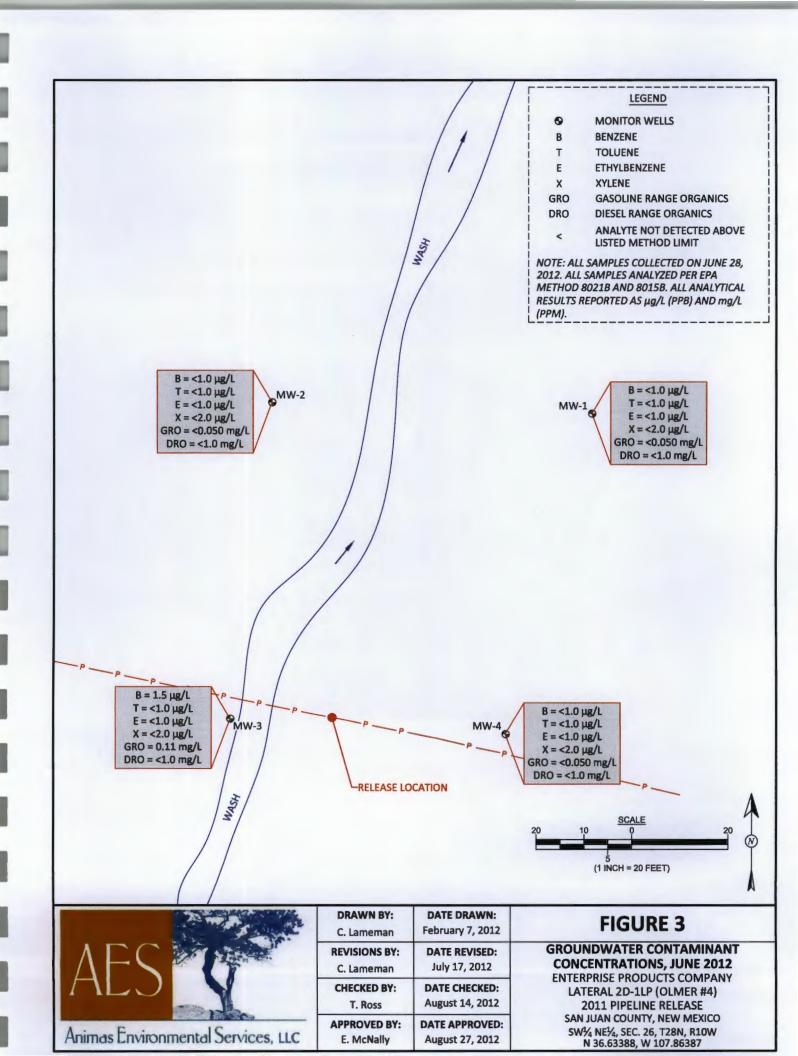
Micrograms per liter (ppb) Hg/L mg/L GRO DRO

Milligrams per liter (ppm) Gasoline range organics

Diesel range organics







DEPTH TO GROUNDWATER MEASUREMENT FORM

Animas Environmental Services

624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022

roject:	Groundwater Sampling	Project No.: AES 110802
lito.	Enterprise Olmer #4 (Lateral 2D-1LP)	Date: (4/7.0/17

Location: 36.62766°N, 107.85458°W

Tech:
\[\lambda_{\infty} \lambda_{\in

Well I.D.	Time	Depth to NAPL (ft.)	Depth to Water (ft.)	Thickness (ft.)	Notes / Observations
MW-1	1019		10.36		
MW-2	1054		9,53		
MW-3	1120		8.34		
MW-4_	1142		11.93	-	
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-					
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					MALANA AND AND AND AND AND AND AND AND AND

Wells measured with KECK water level or KECK interface tape, decontaminated between each well measurement.

MON	TORING W	ELL SAMPLI	NG REC	ORD	Aı	nimas Environme	ental Services
Mon	itor Well No:	MW	-1		6	24 E. Comanche, Farm	ington NM 87401
					1	Tel. (505) 564-2281 Fax	-
		lmer #4 (Lateral	2D-1LP)		_	Project No.: AES 1108	
1		107.85458°W			-	Date: 6/28/	7
	Groundwater Technician:	N. Willia			- '	Arrival Time: 1001 Air Temp: 93°F	^
	e / No Purge:		e	·	T.O	.C. Elev. (ft): 546	
	Diameter (in):			-	Total We	ell Depth (ft):15.	.31
	al D.T.W. (ft):		Time: Time:	10.10		_(taken at initial gauging (taken prior to purging	
	al D.T.W. (ft):	10.36	Time:	1019		_(taken phor to purging _(taken after sample col	•
lf N	APL Present:	D.T.P.:	D.T.W	/.:	Th		ime:
	V	Vater Quality	Paramete	rs - Rec	orded D	Ouring Well Purging	
	Temp	Conductivity	DO		ORP	PURGED VOLUME	
Time	(deg C)	(µS) (mS)	(mg/L)	ρН	(mV)	(see reverse for calc.)	Notes/Observations
1028	19,23	4.549	2.10	6,78	41.0	0.25 gal.	
1034	16.83	4.672	2.25	696	36.0	0.25 gal. 0.5	
1036	16.18	4.619	1,74	6.97	34.8	0.5	
1038	16.00	4.637	1.68	6.99	33.4	0.5	
1040	15.84	4.446	1,72	7.01	32.4	0.5	
1042	15,94	4.642	1.56	7.03	31.4	0.5	
1047							Samples
							Collected
Analyt	ical Parame	ters (include	analysis r	nethod a	and nur	mber and type of sar	mple containers)
		BTEX by EPA	Method 80:	21 (3 - 40	mL glas	s preserved w/ HCl)	
TF	H (GRO/DRO	O) by EPA Meth	od 8015 (3	- 40 mL g	glass, 2 -	preserved w/ HCl, 1 - n	on-preserved)
	D	isposal of Purg	ged Water:				
Colle	cted Samples	s Stored on Ice	in Cooler:	Yes			
	Chain of Cu	ustody Record	Complete:	Yes			
		Analytical L	aboratory:	Hall Env	ronment	al Analysis Laboratory,	Albuquerque, NM
Equipm	ent Used Du	ring Sampling:	Keck Wate	r Level or	Keck In	terface Level, YSI Water	r Quality Meter
		and	New Dispo	sable Bai	ler		
Notes/Com	ments:						
							- 1/4
	0/00/44						

MONI	TORING W	ELL SAMPLI	NG REC	ORD	Ar	nimas Environme	ntal Services
Mon	itor Well No:	MW-	.2	-	1	24 E. Comanche, Farmi [el. (505) 564-2281 Fax	•
Cita	Enterprise	mer #4 (Lateral :	2D 4LD)			Project No.: AES 1108	
		mer #4 (Lateral / 107.85458°W	2D-1LP)		-	Date: 6/28/	
	Groundwater					Arrival Time: 10.51	
		N.W	illis	·		Air Temp: 93°F	.
l Pura	e / No Purae:	Pura	e		T.O.	.C. Elev. (ft): 546	8.1
Well	Diameter (in):	2		•	Total We	II Depth (ft): 14.	18
1010	ai D. I . vv. (11):		rime:			(taken at initial gauging	of all wells)
Confir	m D.T.W. (ft):	9.53	Time:	105		(taken prior to purging	
Fin	al D.T.W. (ft):		Time:			(taken after sample colickness:	lection)
If N.	APL Present:	D.T.P.:	D.T.W	·:	Thi	ickness:T	me:
	V	Vater Quality I	Paramete	rs - Rec	orded D	During Well Purging	
	Temp	Conductivity	DO		ORP	PURGED VOLUME	
Time	(deg C)	(µS) (nS)	(mg/L)	pН	(mV)		Notes/Observations
1058	17.37	4,735	1.38	7.19	23.8	0.25 gal. 0.5	
1101	16,70	4.682	1.35	7.16	19,4		
1103	16.47	4.680	1,69	7.16		0.5	
1105	16.74	4.649	1.66	7.16	17.5	0.5	
1107	16.54	4.695	1.81	7.16	18.9	0.5	-
1109	16.42	4.700	1.68	7.16	20.3	0.5	
1114							Samples Colleted
Analys	tical Parama	toro (includo	analysis r	mothod	and nur	nber and type of sai	mple containers)
Analyi	licai Parame						inple containers;
						s preserved w/ HCI)	
TF.	PH (GRO/DRO) by EPA Meth	od 8015 (3	- 40 mL (glass, 2 -	preserved w/ HCl, 1 - n	on-preserved)
<u> </u>							
		isposal of Purg					
Colle	-	s Stored on Ice					
	Chain of C	ustody Record	-		iroomont	al Analysis Laboratory	Albuquerque, NM
Earline	nont Used Du	-				al Analysis Laboratory, terface Level, YSI Wate	
Equipir	ient osea du		New Dispo			terrace Lever, 101 Wate	- Guanty Meter
Notes/Com	mente:	and	нен Бізре	,cabic Da			
10163/0011	miento.						
				,			
revised. 1	2/29/11						

MONI	TORING W	ELL SAMPL	ING REC	ORD	A	nimas Environme	ental Services	
Mon	itor Well No:	MW	-3		6	624 E. Comanche, Farm	inaton NM 87401	
				_		Tel. (505) 564-2281 Fax	_	
Site:	Enterprise Of	mer #4 (Lateral	2D-1LP)		-	Project No.: AES 1108	302	
		107.85458°W				Date: 6/28/	[2	
	Groundwater				_	Arrival Time: \\\\2		
	Technician:				_	Air Temp: 45%		
	e / No Purge:		<u>e</u>	_	T.O	.C. Elev. (ft): 5468		
	Diameter (in):		T:	_	Total We	ell Depth (ft): 13	1.7	
	al D.T.W. (ft): m D.T.W. (ft):		Time:	1170		(taken at initial gauging		
	al D.T.W. (ft):		Time:	1/20		_(taken prior to purging (taken after sample col		
	APL Present:		D.T.W	/.:	Th	ickness: T		
						Ouring Well Purging		
	Temp	Conductivity	DQ		ORP	PURGED VOLUME		
Time	· ·	(µS) (mS)					NatariOhaamirtiana	
	(deg C)		(mg/L)	pH	(mV)	(see reverse for calc.)	Notes/Observations	
1124	18,97	9.464	2.27	6.56		0.25 gal. 0.5		
1126	19.41	9,625	3.03	6.57	-82,4			
1128	19.17	9,630	2.51	6.59	-78.2	0.125	Low Yield	
					. ,			
							\	
1133							Samples Collected	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							samples conceiled	
								
A m a local	Analytical Parameters (include analysis method and number and type of sample containers)							
Anaiyt	icai Parame						npie containers)	
		BTEX by EPA	Method 802	21 (3 - 40	mL glas	s preserved w/ HCI)		
TP	H (GRO/DRO) by EPA Meth	od 8015 (3	- 40 mL g	lass, 2 -	preserved w/ HCl, 1 - n	on-preserved)	
	D	isposal of Purg	ged Water:					
Colle	cted Samples	s Stored on ice	in Cooler:	Yes				
	Chain of Cu	stody Record	Complete:	Yes				
		Analytical L	aboratory:	Hall Envi	ronment	al Analysis Laboratory,	Albuquerque, NM	
Equipm	ent Used Dui	ring Sampling:	Keck Wate	r Level or	Keck In	terface Level, YSI Water	Quality Meter	
			New Dispo					
Notes/Com	ments:							
	7/20/11			*****				

MONI	ITORING W	ELL SAMPLI	NG REC	ORD	A	nimas Environme	ental Services
Mon	itor Well No:	MW	-4	-		24 E. Comanche, Farmi Tel. (505) 564-2281 Fax	
Site:	Enterprise O	mer #4 (Lateral	2D-1LP)		1	Project No.: AES 1108	
		107.85458°W			-	Date: 6/28/	12
Project:	Groundwater	Sampling			-	Arrival Time: 1140	
Sampling	g Technician:	Nywi	113		_	Air Temp: 95°	F
Purg	je / No Purge:	Purg	е	_	T.O	.C. Elev. (ft): 546	7.99
Well	Diameter (in):	2			Total We	ell Depth (ft):16.	.42
Initi	ial D.T.W. (ft):	62	Time:			(taken at initial gauging	
Confir	m D.1.W. (π): al D.T.W. (ft):	11.93	Time:	1142			
3f N	APL Present	DTP	DTW	,	Th	(taken after sample colickness:T	ima:
	T			rs - Rec	T	Ouring Well Purging PURGED VOLUME	
	Temp	Conductivity			ORP	PURGED VOLUME	
Time	(deg C)	(μS) (mS)	(mg/L)	pН	(mV)	(see reverse for calc.)	Notes/Observations
1146	19.30	5.574	1.86	7,49	-33.8	0.25	
1148	17.65	5.327	Z.28	7.45	1.6	0.5	
1150	17.05	5.289	2.83	7.44	18.9	0.125	low Yield
						•	1
						•	V
1155							Samples Collected
Analyt	tical Parame	ters (include	analysis r	nethod a	and nur	nber and type of sar	nple containers)
		BTEX by EPA	Method 802	21 (3 - 40	mL glas	s preserved w/ HCI)	
TP	H (GRO/DRO	O) by EPA Meth	od 8015 (3	- 40 mL g	lass, 2 -	preserved w/ HCl, 1 - n	on-preserved)
	D	isposal of Purg	jed Water:				
Colle	cted Samples	s Stored on Ice	in Cooler:	Yes			
	Chain of Cu	stody Record	Complete:	Yes			
ł		Analytical L	aboratory:	Hall Envi	ronment	al Analysis Laboratory,	Albuquerque, NM
Equipm	ent Used Dui	ring Sampling:	Keck Wate	r Level or	Keck Int	terface Level, YSI Water	r Quality Meter
			New Dispo				
Notes/Com	ments:						
		14.04					
revised. 11	2/29/11						



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

OrderNo.: 1206C51

July 10, 2012

Tami Ross
Animas Environmental Services
624 East Comanche
Farmington, NM 87401

TEL: (505) 793-2072 FAX (505) 324-2022

RE: Enterprise Products Olmer #4

Dear Tami Ross:

Hall Environmental Analysis Laboratory received 5 sample(s) on 6/29/2012 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1206C51

Date Reported: 7/10/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: TRIP BLANK

Project: Enterprise Products Olmer #4

Collection Date:

Lab ID: 1206C51-001

Matrix: TRIP BLANK

Received Date: 6/29/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES S	HORT LIST				Analyst: RAA
Benzene	ND	1.0	μg/L	1	7/2/2012 6:26:21 PM
Toluene	ND	1.0	μg/L	1	7/2/2012 6:26:21 PM
Ethylbenzene	ND	1.0	μg/L	1	7/2/2012 6:26:21 PM
Xylenes, Total	ND	2.0	μg/L	1	7/2/2012 6:26:21 PM
Surr: 1,2-Dichloroethane-d4	93.7	70-130	%REC	1	7/2/2012 6:26:21 PM
Surr: 4-Bromofluorobenzene	118	70-130	%REC	1	7/2/2012 6:26:21 PM
Surr: Dibromofluoromethane	102	69.8-130	%REC	1	7/2/2012 6:26:21 PM
Surr: Toluene-d8	93.3	70-130	%REC	1	7/2/2012 6:26:21 PM

Qualifiers:	*/X	Value exceeds Maximum Contaminant Level.
-------------	-----	--

- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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
- RL Reporting Detection Limit
- U Samples with CalcVal < MDL

Page 1 of 9

Lab Order 1206C51

Date Reported: 7/10/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Products Olmer #4

Lab ID: 1206C51-002

Client Sample ID: MW-1

Collection Date: 6/28/2012 10:47:00 AM

Received Date: 6/29/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE				Analyst: JMP
Diesel Range Organics (DRO)	ND	1.0	mg/L	1	7/2/2012 3:49:14 PM
Surr: DNOP	125	61.3-164	%REC	1	7/2/2012 3:49:14 PM
EPA METHOD 8260: VOLATILES SH	ORT LIST				Analyst: RAA
Benzene	ND	1.0	μg/L	1	7/2/2012 6:54:52 PM
Toluene	ND	1.0	μg/L	1	7/2/2012 6:54:52 PM
Ethylbenzene	ND	1.0	μg/L	1	7/2/2012 6:54:52 PM
Xylenes, Total	ND	2.0	μg/L	1	7/2/2012 6:54:52 PM
Surr: 1,2-Dichloroethane-d4	94.4	70-130	%REC	1	7/2/2012 6:54:52 PM
Surr: 4-Bromofluorobenzene	115	70-130	%REC	1	7/2/2012 6:54:52 PM
Surr: Dibromofluoromethane	102	69.8-130	%REC	1	7/2/2012 6:54:52 PM
Surr: Toluene-d8	93.4	70-130	%REC	1	7/2/2012 6:54:52 PM
MODIFIED EPA METHOD 8015B: GA	SOLINE RANG	E			Analyst: RAA
Gasoline Range Organics (GRO)	ND	0.050	mg/L	1	7/2/2012 6:54:52 PM
Surr: BFB	115	70-130	%REC	1	7/2/2012 6:54:52 PM

Matrix: AQUEOUS

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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
- RL Reporting Detection Limit
- U Samples with CalcVal < MDL

Page 2 of 9

Lab Order 1206C51

Date Reported: 7/10/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Products Olmer #4

Lab ID: 1206C51-003 Client Sample ID: MW-2

Collection Date: 6/28/2012 11:14:00 AM

Received Date: 6/29/2012 9:45:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RAM	IGE				Analyst: JMP
Diesel Range Organics (DRO)	ND	1.0	mg/L	1	7/2/2012 4:11:32 PM
Surr: DNOP	124	61.3-164	%REC	1	7/2/2012 4:11:32 PM
EPA METHOD 8260: VOLATILES S	HORT LIST				Analyst: RAA
Benzene	ND	1.0	μg/L	1	7/2/2012 7:23:21 PM
Toluene	ND	1.0	μg/L	1	7/2/2012 7:23:21 PM
Ethylbenzene	ND	1.0	μg/L	1	7/2/2012 7:23:21 PM
Xylenes, Total	ND	2.0	μg/L	1	7/2/2012 7:23:21 PM
Surr: 1,2-Dichloroethane-d4	92.0	70-130	%REC	1	7/2/2012 7:23:21 PM
Surr: 4-Bromofluorobenzene	117	70-130	%REC	1	7/2/2012 7:23:21 PM
Surr: Dibromofluoromethane	102	69.8-130	%REC	1	7/2/2012 7:23:21 PM
Surr: Toluene-d8	91.7	70-130	%REC	1	7/2/2012 7:23:21 PM
MODIFIED EPA METHOD 8015B: G	ASOLINE RANG	E			Analyst: RAA
Gasoline Range Organics (GRO)	ND	0.050	mg/L	1	7/2/2012 7:23:21 PM
Surr: BFB	117	70-130	%REC	1	7/2/2012 7:23:21 PM

Matrix: AQUEOUS

Quali	fiers
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*/X Value exceeds Maximum Contaminant Level.

Spike Recovery outside accepted recovery limits

- Value above quantitation range
- Analyte detected below quantitation limits
- RPD outside accepted recovery limits

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RLReporting Detection Limit
- Page 3 of 9
- Samples with CalcVal < MDL

Lab Order 1206C51

Date Reported: 7/10/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Products Olmer #4

Lab ID: 1206C51-004

Client Sample ID: MW-3

Collection Date: 6/28/2012 11:33:00 AM

Received Date: 6/29/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE					Analyst: JMP
Diesel Range Organics (DRO)	ND	1.0	mg/L	1	7/2/2012 4:33:56 PM
Surr: DNOP	123	61.3-164	%REC	1	7/2/2012 4:33:56 PM
EPA METHOD 8260: VOLATILES SHO	RT LIST				Analyst: RAA
Benzene	1.5	1.0	μg/L	1	7/2/2012 7:51:47 PM
Toluene	ND	1.0	μg/L	1	7/2/2012 7:51:47 PM
Ethylbenzene	ND	1.0	μg/L	1	7/2/2012 7:51:47 PM
Xylenes, Total	ND	2.0	μg/L	1	7/2/2012 7:51:47 PM
Surr: 1,2-Dichloroethane-d4	93.7	70-130	%REC	1	7/2/2012 7:51:47 PM
Surr: 4-Bromofluorobenzene	113	70-130	%REC	1	7/2/2012 7:51:47 PM
Surr: Dibromofluoromethane	103	69.8-130	%REC	1	7/2/2012 7:51:47 PM
Surr: Toluene-d8	95.3	70-130	%REC	1	7/2/2012 7:51:47 PM
MODIFIED EPA METHOD 8015B: GAS	OLINE RANG	E			Analyst: RAA
Gasoline Range Organics (GRO)	0.11	0.050	mg/L	1	7/2/2012 7:51:47 PM
Surr: BFB	113	70-130	%REC	1	7/2/2012 7:51:47 PM

Matrix: AQUEOUS

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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
- RL Reporting Detection Limit
- U Samples with CalcVal < MDL

Page 4 of 9

Lab Order 1206C51

Date Reported: 7/10/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Products Olmer #4

Lab ID: 1206C51-005

Client Sample ID: MW-4

Collection Date: 6/28/2012 11:55:00 AM

Received Date: 6/29/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RAN	IGE				Analyst: JMP
Diesel Range Organics (DRO)	ND	1.0	mg/L	1	7/2/2012 4:56:13 PM
Surr: DNOP	125	61.3-164	%REC	1	7/2/2012 4:56:13 PM
EPA METHOD 8260: VOLATILES S	HORT LIST				Analyst: RAA
Benzene	ND	1.0	μg/L	1	7/2/2012 8:20:12 PM
Toluene	ND	1.0	μg/L	1	7/2/2012 8:20:12 PM
Ethylbenzene	ND	1.0	μg/L	1	7/2/2012 8:20:12 PM
Xylenes, Total	ND	2.0	μg/L	1	7/2/2012 8:20:12 PM
Surr: 1,2-Dichloroethane-d4	92.6	70-130	%REC	1	7/2/2012 8:20:12 PM
Surr: 4-Bromofluorobenzene	116	70-130	%REC	1	7/2/2012 8:20:12 PM
Surr: Dibromofluoromethane	99.9	69.8-130	%REC	1	7/2/2012 8:20:12 PM
Surr: Toluene-d8	94.7	70-130	%REC	1	7/2/2012 8:20:12 PM
MODIFIED EPA METHOD 8015B: G	ASOLINE RANG	E			Analyst: RAA
Gasoline Range Organics (GRO)	ND	0.050	mg/L	1	7/2/2012 8:20:12 PM
Surr: BFB	116	70-130	%REC	1	7/2/2012 8:20:12 PM

Matrix: AQUEOUS

Qualifiers: */X	Value exceeds Maximum	Contaminant	Level.
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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

Samples with CalcVal < MDL

- RL Reporting Detection Limit
- Page 5 of 9

Hall Environmental Analysis Laboratory, Inc.

WO#: 1206C51

10-Jul-12

Client:

Animas Environmental Services

Project:

Enterprise Products Olmer #4

Sample ID MB-2676

SampType: MBLK

TestCode: EPA Method 8015B: Diesel Range

Client ID: **PBW**

Batch ID: 2676

RunNo: 3805

Prep Date: 7/2/2012

Analysis Date: 7/2/2012

SeqNo: 108338

Units: mg/L

Analyte

Result **PQL**

1.3

Result

Result

SPK value SPK Ref Val %REC LowLimit HighLimit

RPDLimit Qual

Diesel Range Organics (DRO) Surr: DNOP

ND 1.0

SPK Ref Val

1.000

SPK value

127 61.3

%RPD

Sample ID LCS-2676 SampType: LCS TestCode: EPA Method 8015B: Diesel Range

Client ID:

LCSW

Batch ID: 2676

RunNo: 3805

157

164

Prep Date:

7/2/2012

SeqNo: 108339

Units: mg/L HighLimit

Analyte Diesel Range Organics (DRO)

Analysis Date: 7/2/2012

%REC

74

LowLimit

%RPD

Qual

Qual

Surr: DNOP

4.5 0.49

1.0 5.000 0.5000 0 89.5 97.1

61.3 164 **RPDLimit**

Sample ID LCSD-2676

SampType: LCSD

TestCode: EPA Method 8015B: Diesel Range

Client ID: LCSS02

Batch ID: 2676

RunNo: 3805

Prep Date: 7/2/2012

Analysis Date: 7/2/2012

SeqNo: 108382

Units: mg/L HighLimit

157

164

%RPD **RPDLimit**

23

Analyte Diesel Range Organics (DRO)

SPK value SPK Ref Val **PQL** 1.0 5.000

%REC LowLimit 101

74 61.3

Surr: DNOP

5.1 0.50 0.5000

99.6

0

12.4 0

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- Analyte detected below quantitation limits
- RPD outside accepted recovery limits

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Page 6 of 9

Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1206C51

10-Jul-12

Client:

Animas Environmental Services

Project:

Enterprise Products Olmer #4

Sample ID 5ml-rb	SampT	SampType: MBLK TestCode: EPA Method 8260: Volatiles Short List											
Client ID: PBW	Batch	1D: R3	838	F	RunNo: 3	838							
Prep Date:	Analysis D	ate: 7/	2/2012	S	SeqNo: 1	08878	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											
Xylenes, Total	ND	2.0											
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.4	70	130						
Surr: 4-Bromofluorobenzene	11		10.00		110	70	130						
Surr: Dibromofluoromethane	9.9		10.00		99.0	69.8	130						
Surr: Toluene-d8	9.5		10.00		95.4	70	130						
Sample ID 100ng Ics	SampT	ype: LC	S	Tes	tCode: El	PA Method	8260: Volatile	s Short L	ist				

Sample ID 100ng Ics	SampT	ype: LC	S	Tes	TestCode: EPA Method 8260: Volatiles Short List								
Client ID: LCSW	Batch	1D: R3	838	F									
Prep Date:	Analysis D	ate: 7/	2/2012	8	SeqNo: 1	08879	Units: µg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	18	1.0	20.00	0	87.6	84.1	126						
Toluene	18	1.0	20.00	0	91.3	80	120						
Surr: 1,2-Dichloroethane-d4	8.9		10.00		89.1	70	130						
Surr: 4-Bromofluorobenzene	11		10.00		110	70	130						
Surr: Dibromofluoromethane	10		10.00		99.7	69.8	130						
Surr: Toluene-d8	9.7		10.00		97.3	70	130						

Sample ID 1206c17-002a ms	SampT	ype: MS	3	Tes	tCode: El	PA Method	8260: Volatile	s Short L	ist			
Client ID: BatchQC	Batch	ID: R3	838	F	RunNo: 3	D: 3838						
Prep Date:	Analysis D	ate: 7/	2/2012	S	SeqNo: 1	08880	Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	17	1.0	20.00	0	85.3	71.1	135					
Toluene	18	1.0	20.00	0	91.9	74	121					
Surr: 1,2-Dichloroethane-d4	9.1		10.00		90.8	70	130					
Surr: 4-Bromofluorobenzene	11		10.00		110	70	130					
Surr: Dibromofluoromethane	10		10.00		101	69.8	130					
Surr: Toluene-d8	9.4		10.00		94.2	70	130					

Sample ID 1206c17-002a m	sd SampT	ype: MS	SD	Tes	tCode: E	PA Method	8260: Volatile	s Short L	ist	
Client ID: BatchQC	Batch	1D: R3	838	F	RunNo: 3					
Prep Date:	Analysis D	ate: 7/	2/2012	S	SeqNo: 1	08881	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	87.3	71.1	135	2.32	21.9	
Toluene	18	1.0	20.00	0	92.4	74	121	0.598	18.5	
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.7	70	130	0	0	
Surr; 4-Bromofluorobenzene	11		10.00		111	70	130	0	0	

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD 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
 - RL Reporting Detection Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 1206C51

10-Jul-12

Client:

Animas Environmental Services

Project:

Enterprise Products Olmer #4

Sample ID 1206c17-002a msd

SampType: MSD

TestCode: EPA Method 8260: Volatiles Short List

Client ID: **BatchQC** Batch ID: R3838

RunNo: 3838

Prep Date:

Analysis Date: 7/2/2012

SeqNo: 108881

Units: µg/L

A 1. 4	Decut	DO!	ODI/alua	ODK Det Vel	2/ DEC	l accidimate	Lliada imait	0/ DDD	DDDI imit	Ouel
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	10		10.00		102	69.8	130	0	0	
Surr: Toluene-d8	9.4		10.00		94.2	70	130	0	0	

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
 - Value above quantitation range
- Analyte detected below quantitation limits RPD outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Reporting Detection Limit

Page 8 of 9

Hall Environmental Analysis Laboratory, Inc.

WO#:

1206C51 10-Jul-12

Client:

Animas Environmental Services

Project:

Enterprise Products Olmer #4

Sample ID 5ml-rb SampType: MBLK TestCode: Modified EPA Method 8015B: Gasoline Range

Client ID: PBW Batch ID: R3838 RunNo: 3838

Analysis Date: 7/2/2012 Prep Date: SeqNo: 108812 Units: mg/L

Analyte Result PQL SPK value SPK Ref Val %REC HighLimit LowLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO) ND 0.050

Surr: BFB 11 10.00 70 110 130

Sample ID 2.5ug gro lcs SampType: LCS TestCode: Modified EPA Method 8015B: Gasoline Range

Client ID: LCSW Batch ID: R3838 RunNo: 3838

Prep Date: Analysis Date: 7/2/2012 SeqNo: 108833 Units: mg/L

PQL Result Analyte SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO) 0.49 0.050 0.5000 98.5 85 115 Surr: BFB 10 10.00 103 70 130

SampType: MS Sample ID 1206C17-003A MS TestCode: Modified EPA Method 8015B: Gasoline Range

Client ID: BatchQC Batch ID: R3838 RunNo: 3838

Analysis Date: Prep Date: 7/2/2012 SeqNo: 108837 Units: mg/L

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

0.48 0.050 Gasoline Range Organics (GRO) 0.5000 0 95.8 70 130 Surr: BFB 10.00 11 105 70 130

SampType: MSD Sample ID 1206C17-003A MSD TestCode: Modified EPA Method 8015B: Gasoline Range

Client ID: **BatchQC** Batch ID: R3838 RunNo: 3838

Prep Date: Analysis Date: 7/2/2012 SeqNo: 108845 Units: mg/L

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 0.47 0.050 0.5000 94.4 70 130 1.51 20 Surr: BFB 10.00 10 105 70 130 0 0

Qualifiers:

R

- Е Value above quantitation range
- J Analyte detected below quantitation limits RPD outside accepted recovery limits
- Analyte detected in the associated Method Blank Holding times for preparation or analysis exceeded
 - Not Detected at the Reporting Limit
 - RLReporting Detection Limit

Page 9 of 9

Value exceeds Maximum Contaminant Level.



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-410; Website: www.hallenvirormental.com

Sample Log-In Check List

Client Na	ame: A	nimas En	vironmental	. / /	Work Or	der N	łumi	ber:	1206	C51	
Received	d by/date:_		11/	06/29/12							
Logged I	By:	Ashley Gal	legos	6/29/2012 9:45:00 AM	М			*	7		
Complete	ted By: 🛭	Shley Gal	iegos	6/29/2012 12:50:50 P	M			A	₹		
Reviewe	ed By:	M	7	36/29/12					u		
Chain c	of Custo	dγ									
1. Wer	re seals inte	act?			Yes		No		N	ot Present 🗹	
2. Is C	Chain of Cu	stody comp	olete?		Yes	✓	No		N	ot Present 🗌	
3. How	was the s	ample deliv	rered?		Cou	rier					
Log In											
4. Coo	olers are pre	esent? (see	e 19. for cooler s	pecific information)	Yes	V	No			NA 🗆	
5. Was	s an attemp	ot made to	cool the sample:	s?	Yes	✓	No			NA \square	
6. Wer	re all sampl	les receive	d at a temperatu	re of >0° C to 6.0°C	Yes	¥	No			na 🗆	
7. Sam	nple(s) in p	roper conta	iner(s)?		Yes	V	No				
8. Suffi	ficient samp	ole volume	for indicated tes	t(s)?	Yes	✓	No				
9. Are	samples (e	xcept VOA	and ONG) prop	erly preserved?	Yes	✓	No				
10. Was	s preservati	ive added t	o bottles?		Yes		No	✓		NA 🗆	
11. VOA	A vials have	zero head	Ispace?		Yes	V	No		No '	VOA Vials	
12. Wen	re any sam	ole contain	ers received bro	ken?	Yes		Nο	✓			
			ottle labels? nain of custody)		Yes	✓	No			# of preserved bottles checked for pH:	
14. Are i	matrices co	orrectly ide	ntified on Chain	of Custody?	Yes	V	No			_	>12 unless noted)
15. Is it (clear what	analyses w	ere requested?		Yes	✓	No			Adjusted?	
		_	le to be met? authorization.)		Yes	Y	No			Checked by:	
		g (if app	-							CHECKER Dy.	
			iscrepancies wit	h this order?	Yes		No			NA 🗹	
	Person No	otified:		Date:					-		
	By Whom	: [Via:	eMa	il [P	none	F	Fax 🔲 In Person	,
	Regarding										
	Client Inst	ructions:		ar'							
18. Addi	itional rema	arks:									
40.0-											
	ooler No	ation Temp ºC	Condition	Seal Intact Seal No	Seal Da	te		Sign	ed By	. I	
1		1.3	Good Ye		Jour De			~:A!!	<u></u>		

ENVIDONMENTAL	BORATORY	.com	NM 87109	15-4107	est				(14 37	^ ^/	2일서서 1점 4iA									
HALLENVID	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request															.S.
			49(Te					8015	(95	1S08 ХЭТ8 9 - 8Э) НЧТ	×	×	×	×	×				Remarks
	,h		ər #4						lis			-8/	- 000		700	-605				U38/12 1404 "Date Time Time Time Time Time Time
me:	□ Rush		ducts Olm			er:			Nathan Willis		Preservative Type	오	5 - HCI 1 - Non							
urn-Around 11me:	X Standard	Project Name:	Enterprise Products Olmer #4	Project #:	AES 110802	Project Manager:		Tami Ross	Sampler: N	100	Container P Type and #	2 - 40 mL glass	6 - 40 mL glass				Received by: Received by: (Author), what !			
Chain-of-Custody Record	Animas Environmental Services, LLC.		624 E Comanche Farmington NM		2281	2022		☐ Level 4 (Full Validation)			Sample Request ID	Trip Blank	MW - 1	MW - 2	MW - 3	MW - 4				Relinquished by: (MCLUM) Relinquished by:
of-Cu	Environr		524 E Col	87401	505-564-2281	505-324-2022			□ Other		Matrix	H,0	H ₂ O	H,0	H ₂ O	H ₂ O				Relinquished by:
hain⊣	Animas		iling Address			ail or Fax#:	'QC Package:	Standard	:uo	EDD (Type)	Time		1047	<u> </u>	1133	1155				Time: Fine:
S	ent:		iling ,		one #:	ail or	/QC F	Stan	creditati NELAP	EDD	ate		21/		_	1				12