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LAT K-7 /2012

Enterprise Products

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

ENTERPRISE PRODUCTS OPERATING LLC

March 25, 2013

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Mr. Glenn von Gonten
New Mexico Energy, Minerals & Natural Resources
Department - Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Jim Griswold

Re: Continued Site Assessment Report
Enterprise Field Services, LLC
Lateral K-7 September 2012 Pipeline Release
NE¼ NW¼ Section 27, T26N, R7W
Rio Arriba County, New Mexico

Dear Mr. von Gonten:

Enterprise Field Services, LLC (Enterprise) is submitting the enclosed report entitled: *Continued Site Assessment,* dated February 25, 2013. This report documents the results of a completed continued site assessment in order to further delineate the extent of soil contamination and potential dissolved phase hydrocarbon contaminants associated with the Lateral K-7 pipeline September 2012 release.

Animas Environmental Services, LLC (AES) installed a total of eight soil borings (SB-1 through SB-8) to between 28 and 36 feet at the Lateral K-7 release location on November 6, 2012. Soils observed during the continued site assessment consisted primarily of tan to brown, fine- to medium-grained sand in the upper 5 to 14 feet and graded to tan to brown sandy clay as the borings were advanced. Brown, fine-grained, wet sand with no odor or staining was encountered at depths greater than approximately 24 to 28 feet bgs.

Soil laboratory analytical results showed concentrations above applicable New Mexico Oil Conservation Division (NMOCD) action levels for benzene, total benzene, toluene, ethylbenzene, and xylenes (BTEX) and total petroleum hydrocarbons (TPH) (10 mg/kg, 50mg/kg and 100 mg/kg, respectively) in SB-3 and SB-8. In SB-3 at 8 feet bgs, concentrations were reported at 110 mg/kg benzene, 4,690 mg/kg total BTEX and 23,400 mg/kg TPH (as GRO/DRO). In SB-8 at 8 feet bgs, concentrations were reported at 29 mg/kg benzene, 2,540 mg/kg total BTEX, and 16,500 mg/kg TPH (as GRO/DRO).

Groundwater was encountered in seven of the soil borings (SB-1 through SB-6 and SB-8); however, SB-8 did not yield enough to collect a groundwater sample. Laboratory analytical results confirmed dissolved phase benzene concentrations above the WQCC standard of 10 µg/L in each groundwater sample, with the highest benzene concentration reported in SB-3W with 260 µg/L. Dissolved phase toluene concentrations also exceeded the WQCC standard of 750 µg/L in SB-3W (790 µg/L). Dissolved phase ethylbenzene and xylenes concentrations were below WQCC standards in each sample.

Based on field screening and laboratory analytical results from the November 2012 continued site assessment, soils have been impacted above NMOCD action levels and groundwater has been impacted above WQCC standards in the vicinity of the September 2012 release.

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AES recommends the installation of at least five permanent groundwater monitor wells to further delineate the lateral extent of soil and groundwater contamination, and to provide recommendations for future remediation measures. A workplan detailing the proposed monitor well installation will be submitted under separate cover.

If you have any questions concerning the enclosed report, please do not hesitate to contact me at (713) 381-2286, or via email at: drsmith@eprod.com.

Sincerely,

David R. Smith, P.G.
Sr. Environmental Scientist

Rodney M. Sartor, REM
Manager, Remediation

/dep

Enclosure – Continued Site Assessment Report

cc: Sherrie Landon, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM
Jonathan Kelly, New Mexico Oil Conservation Division, 1000 Rio Brazos Road, Aztec, NM

ec: Tami Ross – Animas Environmental Services, Farmington, NM

Animas Environmental Services, LLC
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Prepared for:
Mr. Brandon Powell
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

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

Continued Site Assessment Report
Enterprise Field Services, LLC
Lateral K-7 September 2012 Pipeline Release
NE¼ NW¼ Section 27, T26N, R7W
Rio Arriba County, New Mexico

February 25, 2013

Prepared on behalf of:
Enterprise Field Services, LLC
614 Reilly Avenue
Farmington, NM 87401

Prepared by:
Animas Environmental Services, LLC
624 E. Comanche
Farmington, New Mexico 87401

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1.0 Introduction

Animas Environmental Services, LLC (AES), on behalf of Enterprise Field Services, LLC (Enterprise), has prepared this Continued Site Assessment Report for the Lateral K-7 pipeline release that was discovered in September 2012. Details of the initial release assessment were submitted in the AES *Pipeline Release Letter Report* dated September 26, 2012.

1.1 Site Location and NMOCD Ranking

The release area is located on Federal land under jurisdiction of the Bureau of Land Management (BLM) within the NE¼ NW¼, Section 27, T26N, R7W, Rio Arriba County, New Mexico. Latitude and longitude of the release were recorded as N36.46422 and W107.56505, respectively. The release location is within the Palluche Canyon floodplain, and surface runoff drains west towards Palluche Canyon, which is approximately 370 feet west of the release location. Based on measurements from the continued assessment, depth to groundwater ranges from approximately 24 to 28 feet below ground surface (bgs). A topographic site location map is included as Figure 1, and an aerial map showing the release location is included as Figure 2.

Prior to site work, the site was ranked in accordance with New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993). The ranking score was obtained in part by reviewing available records of nearby oil/gas wells using the NMOCD online database; however, no records were found to aid in the assessment. Additionally, the New Mexico Office of the State Engineer (NMOSE) database was reviewed for the presence of nearby water wells, and no registered water wells were reported to be located within 1,000 feet of the location. Google Earth and the New Mexico Tech Petroleum Recovery Research Center online mapping tool (http://ford.nmt.edu/react/pitrules_index.html) were accessed to aid in the identification of downgradient surface water. The nearest surface water is the wash in Palluche Canyon. Based on this information and the known depth to groundwater, the release location was assessed a ranking score of 30.

1.2 Initial Release Assessment

A release was discovered at the location on September 4, 2012, by Enterprise personnel, and on the same date Enterprise personnel were dispatched to locate, isolate, and repair the leak in the pipeline. AES personnel were present during pipeline repairs and collected five discrete soil samples from the walls and center of the excavated area for field screening of volatile organic compounds (VOCs). Additionally, a total of eight discrete samples were collected for field screening of VOCs from a total of four test holes installed outside of the excavated area. Soil field screening results showed that VOC concentrations exceeded NMOCD action levels in each sample and ranged from 103 parts per million (ppm) in TH-3 at

7.5 feet bgs up to 8,304 ppm in S-4 (the western wall of the excavation). Details of the initial assessment were included in the letter report dated September 26, 2012.

Based on the field screening readings and the shallow depth of groundwater, AES and Enterprise determined that a continued site assessment to determine the vertical and horizontal extents of the release would be appropriate prior to implementing further mitigation measures.

2.0 Continued Site Assessment – November 2012

On November 6, 2012, AES completed a continued site assessment in order to further delineate the extent of soil contamination and potential dissolved phase hydrocarbon contaminants associated with the Lateral K-7 pipeline September 2012 release.

During the continued assessment, AES personnel installed eight soil borings (SB-1 through SB-8). Groundwater was encountered in seven of the soil borings (SB-1 through SB-6 and SB-8) at depths ranging from 24 to 28 feet bgs. Soil and groundwater samples were collected in accordance with NMOCD guidelines, AES' Standard Operating Procedures (SOPs), U.S. Environmental Protection Agency (USEPA) Environmental Response Team's SOPs, and applicable American Society of Testing and Materials (ASTM) standards. The locations of the soil borings are presented on Figure 3.

2.1 Pre-Field Coordination and Job Safety Analysis

Prior to field work, AES utilized the New Mexico One-Call system to identify and mark all underground utilities at the site and notified representatives of Enterprise by telephone 48 hours prior to field activities. Additionally, AES prepared and implemented a comprehensive site-specific Job Safety Analysis (JSA) addressing the continued assessment activities associated with soil boring installation and soil and groundwater sampling. All onsite personnel were required to read and sign the JSA to acknowledge their understanding of the information contained within the JSA. The JSA was implemented and enforced on site by the assigned Site Safety and Health Officer.

2.2 Installation of Soil Borings

On November 6, 2012, AES installed eight soil borings in the vicinity of the September 2012 release area in order to delineate the extent of soil contamination and potential groundwater contamination. Soil borings SB-1 and SB-5 were each advanced to a total depth of 36 feet bgs; SB-2 through SB-4 and SB-6 were advanced to a total depth of 32 feet bgs; SB-7 was advanced to a total depth of 20 feet bgs; and SB-8 was advanced to a total depth of 28 feet bgs.

2.2.1 Drilling Methods

Soil borings were completed with a GeoProbe DT 6620 track-mounted direct push rig operated by Earth Worx, Los Lunas, New Mexico.

2.2.2 Soil Sample Collection

Soil samples were collected from continuously driven core-barrel samplers with a diameter of 2.25 inches during advancement of the soil borings. At 4-foot intervals, a soil sample was collected from the core barrel sampler and transferred to appropriately labeled sample containers. The sample was split for field screening of VOCs with a photo-ionization detector (PID) organic vapor meter (OVM) and laboratory analysis. Soil samples were collected for laboratory analysis from each soil boring.

For each soil boring, a Soil Boring Log was completed. These logs recorded sample identification, depth collected, and method of collection, as well as observations of soil moisture, color, grain size, contaminant presence, and overall stratigraphy. Soil Boring Logs are presented in Appendix A.

2.2.3 Soil Field Screening

Samples were field screened for volatile organic vapors utilizing a PID-OVM, which was calibrated to 100 ppm with isobutylene gas. Field screening followed AES' SOP for heated headspace analysis of VOCs.

2.2.4 Soil Lithology

The local site lithology consists of stream alluvium and floodplain material which constitutes the wash of Palluche Canyon. Bedrock was not encountered in the soil borings. Soil observed during the continued site assessment consisted primarily of tan to brown, fine- to medium-grained sand in the upper 5 to 14 feet and graded to sandy clay with depth, which was tan to brown, moist to wet, and sometimes exhibited a strong odor. Brown, fine-grained, wet sand with no odor or staining was encountered at depths greater than approximately 24 to 28 feet bgs.

2.3 Groundwater Sampling

Groundwater was encountered in seven of the soil borings (SB-1 through SB-6 and SB-8) between 24 and 28 feet bgs. Note that although water was present in SB-8, there was not enough to collect a sample for submittal to the analytical laboratory.

2.3.1 Groundwater Sampling Method

A Geoprobe equipped with a stainless steel hydropunch tool was used to collect the grab groundwater samples. The hydropunch sampler was driven below the static water level and the groundwater was allowed to flow into the sampler from an exposed stainless steel screen under ambient hydrostatic pressure. Groundwater was collected from the sampler

using new disposable bailers. Once sampling was completed, the sampler was removed, decontaminated, and the boring was abandoned in accordance with local regulations.

2.4 Soil and Groundwater Laboratory Analyses

All soil and groundwater samples were submitted to Hall Environmental Analysis Laboratory (Hall), Albuquerque, New Mexico, for analysis of the following parameters:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021/8260.

Additionally, soil samples were analyzed for:

- Total petroleum hydrocarbons (TPH) – Gasoline Range Organics (GRO)/Diesel Range Organics (DRO) per USEPA Method 8015B.

Once collected, all samples were preserved in laboratory-supplied containers and stored in an insulated cooler containing ice. Samples were shipped by Hall personnel in insulated coolers containing ice at less than 6°C via bus to the analytical laboratory.

2.5 Soil Field Screening and Laboratory Analytical Results

During the November 2012 continued assessment, soil field screening readings showed VOC concentrations ranging from 0.5 ppm in SB-1 at 4 feet bgs up to 4,764 ppm in SB-8 at 16 feet bgs. Soil laboratory analytical results for benzene ranged from below laboratory detection limits at varying depths in SB-1, SB-2, SB-4, SB-5, and SB-7 up to 110 mg/kg in SB-3 at 8 feet bgs. Total BTEX concentrations ranged from below laboratory detection limits at varying depths in SB-1, SB-2, and SB-4 up to 4,690 mg/kg in SB-3 at 8 feet bgs. TPH concentrations were below laboratory detection limits in all samples except for SB-3 and SB-8. TPH concentrations above laboratory detection limits ranged from 14 mg/kg (GRO) in SB-3 at 24 feet bgs up to 23,400 mg/kg (GRO/DRO) in SB-3 at 8 feet bgs. Tabulated field screening and laboratory analytical results are presented in Table 1 and on Figure 3, and soil laboratory analytical reports are provided in Appendix B.

2.6 Groundwater Laboratory Analytical Results

Groundwater laboratory analytical results showed that dissolved phase benzene concentrations were above the New Mexico Water Quality Control Commission (WQCC) standard of 10 µg /L in each sample, ranging from 27 µg/L in SB-1W and SB-2W up to 260 µg/L in SB-3W. Dissolved phase toluene concentrations were below the WQCC standard of 750 µg/L except for SB-3W with 790 µg/L. Concentrations of dissolved phase ethylbenzene and xylene were also below the WQCC standards of 750 µg/L and 620 µg/L, respectively, in each sample. Tabulated groundwater analytical results are presented in Table 2 and on

Figures 4, 5 and 6, and groundwater laboratory analytical reports are presented in Appendix B.

3.0 Conclusions and Recommendations

AES installed a total of eight soil borings (SB-1 through SB-8) to between 28 and 36 feet in each boring at the Lateral K-7 release location on November 6, 2012. Soils observed during the continued site assessment consisted primarily of tan to brown, fine- to medium-grained sand in the upper 5 to 14 feet and graded to tan to brown sandy clay as the borings were advanced. Brown, fine-grained, wet sand with no odor or staining was encountered at depths greater than approximately 24 to 28 feet bgs.

Soil laboratory analytical results showed concentrations above applicable NMOCD action levels for benzene, total BTEX and TPH (10 mg/kg, 50mg/kg and 100 mg/kg, respectively) in SB-3 and SB-8. In SB-3 at 8 feet bgs, concentrations were reported at 110 mg/kg benzene, 4,690 mg/kg total BTEX and 23,400 mg/kg TPH (as GRO/DRO). In SB-8 at 8 feet bgs, concentrations were reported at 29 mg/kg benzene, 2,540 mg/kg total BTEX, and 16,500 mg/kg TPH (as GRO/DRO).

Groundwater was encountered in seven of the soil borings (SB-1 through SB-6 and SB-8); however, SB-8 did not yield enough to collect a groundwater sample. Laboratory analytical results confirmed dissolved phase benzene concentrations above the WQCC standard of 10 µg/L in each groundwater sample, with the highest benzene concentration reported in SB-3W with 260 µg/L. Dissolved phase toluene concentrations also exceeded the WQCC standard of 750 µg/L in SB-3W (790 µg/L). Dissolved phase ethylbenzene and xylenes concentrations were below WQCC standards in each sample.

Based on field screening and laboratory analytical results from the November 2012 continued site assessment, soils have been impacted above NMOCD action levels and groundwater has been impacted above WQCC standards in the vicinity of the September 2012 release. AES recommends the installation of at least five permanent groundwater monitor wells to further delineate the lateral extent of soil and groundwater contamination, and to provide recommendations for future remediation measures. A workplan detailing the proposed monitor well installation will be submitted under separate cover.

4.0 Certification

I, the undersigned, am personally familiar with the information presented in this Continued Site Assessment Report, prepared on behalf of Enterprise Field Services, LLC, for the Lateral K-7 September 2012 pipeline release. I attest that it is true and complete to the best of my knowledge.

Anna Riling
Staff Geologist

Landrea Cupps
Environmental Scientist

Tami C. Ross, CHMM
Project Manager

Elizabeth McNally, P.E.
Principal

5.0 References

American Society for Testing and Materials (ASTM) International. *D5730 Guide for Site Characterization for Environmental Purposes with Emphasis on Soil, Rock, the Vadose Zone and Groundwater.*

Animas Environmental Services, LLC (AES). *Enterprise K-7 Pipeline Release Letter Report*, September 26, 2012.

New Mexico Oil Conservation Division. *Guidelines for Remediation of Leaks, Spills, and Releases. August 13, 1993.*

U.S. Department of Interior (USDI) Bureau of Land Management. 2008. *Natural Resource Damage Assessment and Restoration Handbook.* Release 1-1712. May, 2008.

U.S. Environmental Protection Agency (USEPA). 1982. *Methods for Chemical Analysis for Water and Wastes.* Document EPA-600, July, 1982.

USEPA. 1992. SW-846, 3rd Edition, *Test Methods for Evaluating Solid Waste: Physical Chemical Methods*, dated November, 1986, and as amended by Update One, July, 1992.

USEPA. 1991. *Site Characterization for Subsurface Remediation*, EPA 625/4-91-026, November, 1991.

USEPA. 1997. *Expedited Site Assessment Tools for Underground Storage Tank Sites.* OSWER 5403G and EPA 510B-97-001, March, 1997.

USEPA. 2001. Contract Laboratory Program (CLP) Guidance for Field Samplers. OSWER 9240.0-35, EPA 540-R-00-003. June, 2001.

TABLE 1
SUMMARY OF SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Enterprise Lateral K-7 September 2012 Pipeline Release
Continued Site Assessment Report
Rio Arriba County, New Mexico

Sample ID	Date Sampled	Depth (feet)	OVM Reading	Benzene	Total BTEX	GRO (C6-C10)	DRO (C10-C22)
				(USEPA 8021B)		(USEPA 8015B)	
			(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMOCD Action Level			100	10	50	100	
SB-1	6-Nov-12	0-4	0.5	NA	NA	NA	NA
		4-8	74.3	NA	NA	NA	NA
		8-12	**431**	NA	NA	NA	NA
		12-16	**187**	NA	NA	NA	NA
		16-20	**170**	NA	NA	NA	NA
		20-24	**243**	NA	NA	NA	NA
		24-28	94	0.13	0.57	<4.8	<9.8
		28-32	18.3	<0.047	<0.234	<4.7	<9.7
		32-36	16.8	NA	NA	NA	NA
SB-2	6-Nov-12	0-4	4.2	NA	NA	NA	NA
		4-8	45.0	NA	NA	NA	NA
		8-12	37.5	NA	NA	NA	NA
		12-16	**107**	<0.047	0.35	<4.7	<10
		16-20	14.2	NA	NA	NA	NA
		20-24	50.2	NA	NA	NA	NA
		24-28	23.1	<0.046	<0.23	<4.6	<10
		28-32	39.7	NA	NA	NA	NA
SB-3	6-Nov-12	0-4	**4,703**	NA	NA	NA	NA
		4-8	**3,970**	NA	NA	NA	NA
		8-12	**3,006**	**110**	**4,690**	**22,000**	**1,400**
		12-16	**3,202**	NA	NA	NA	NA
		16-20	**3,112**	NA	NA	NA	NA
		20-24	**3,953**	**39**	**1,120**	**7,100**	**530**
		24-28	**235**	0.69	3.1	14	<10
		28-32	84.4	NA	NA	NA	NA
SB-4	6-Nov-12	0-4	44.0	NA	NA	NA	NA
		4-8	**104**	NA	NA	NA	NA
		8-12	**210**	NA	NA	NA	NA
		12-16	75.4	<0.049	0.18	<4.9	<10

TABLE 1
SUMMARY OF SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Enterprise Lateral K-7 September 2012 Pipeline Release
Continued Site Assessment Report
Rio Arriba County, New Mexico

Sample ID	Date Sampled	Depth (feet)	OVM Reading	Benzene	Total BTEX	GRO (C6-C10)	DRO (C10-C22)
				(USEPA 8021B)		(USEPA 8015B)	
			(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMOCD Action Level			100	10	50	100	
SB-4	6-Nov-12	16-20	49.4	<0.049	<0.244	<4.9	<9.7
		20-24	**135**	NA	NA	NA	NA
		24-28	66.4	<0.046	0.53	<4.6	<9.9
		28-32	17.1	NA	NA	NA	NA
SB-5	6-Nov-12	0-4	**120**	NA	NA	NA	NA
		4-8	**237**	NA	NA	NA	NA
		8-12	**318**	<0.048	0.95	<4.8	<10
		12-16	**680**	NA	NA	NA	NA
		16-20	**424**	NA	NA	NA	NA
		20-24	**194**	NA	NA	NA	NA
		24-28	NA	<0.048	0.24	<4.8	<9.7
		28-32	14.2	NA	NA	NA	NA
		32-36	15.4	NA	NA	NA	NA
SB-6	6-Nov-12	0-4	**1,077**	NA	NA	NA	NA
		4-8	**137**	NA	NA	NA	NA
		8-12	NA	NA	NA	NA	NA
		12-16	**212**	NA	NA	NA	NA
		16-20	**265**	NA	NA	NA	NA
		20-24	**330**	NA	NA	NA	NA
		24-28	**117**	0.12	0.45	<4.8	<9.9
		28-32	86.2	NA	NA	NA	NA
SB-7	6-Nov-12	0-4	25.5	NA	NA	NA	NA
		4-8	67.2	NA	NA	NA	NA
		8-12	99.2	NA	NA	NA	NA
		12-16	99.7	NA	NA	NA	NA
		16-20	85.7	<0.046	0.10	<4.6	<9.7
SB-8	6-Nov-12	0-4	50.7	NA	NA	NA	NA
		4-8	**4,508**	NA	NA	NA	NA
		8-12	**4,286**	**29**	**2,540**	**15,000**	**1,500**

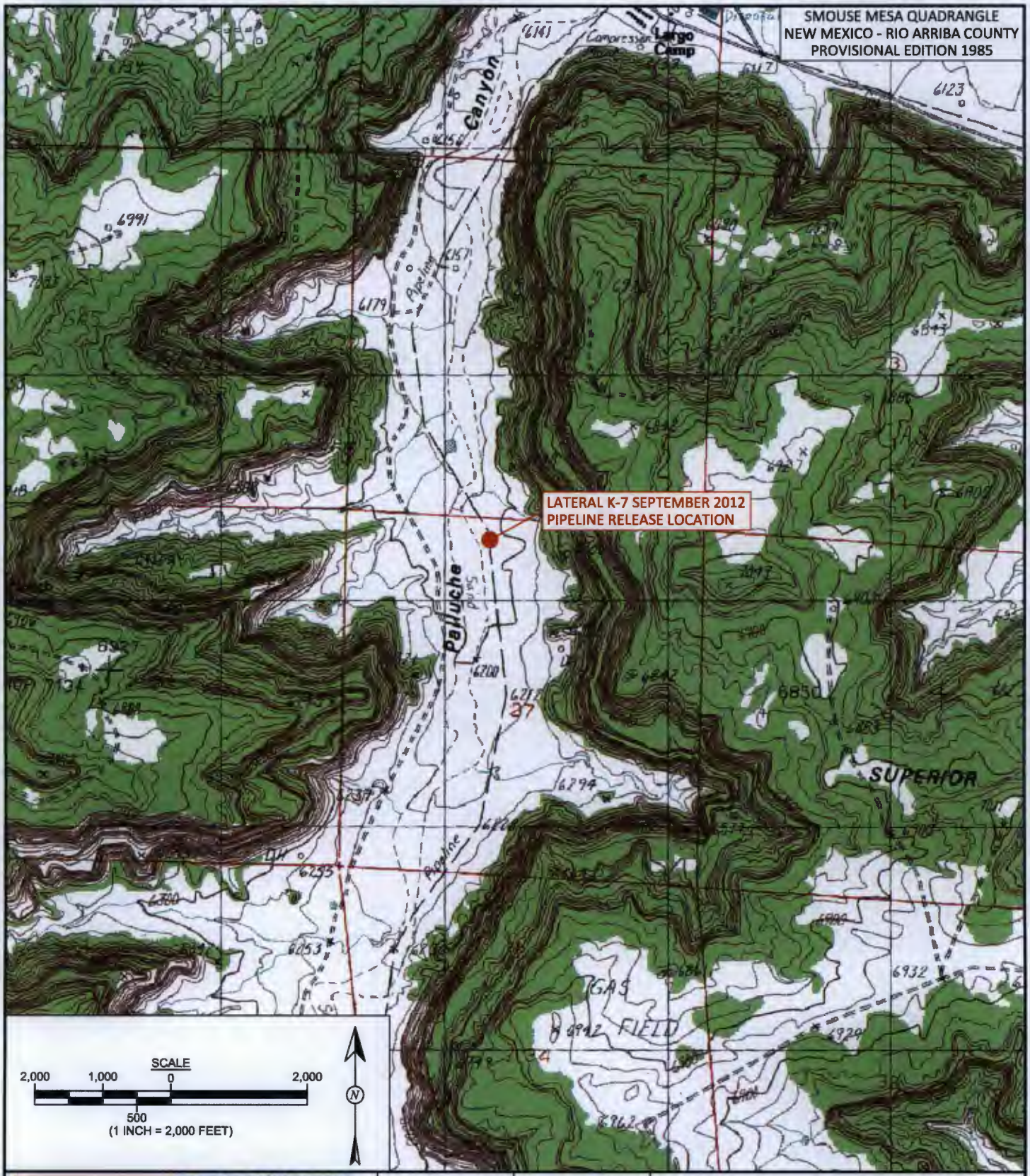
TABLE 1
SUMMARY OF SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Enterprise Lateral K-7 September 2012 Pipeline Release
Continued Site Assessment Report
Rio Arriba County, New Mexico

Sample ID	Date Sampled	Depth (feet)	OVM Reading	Benzene	Total BTEX	GRO (C6-C10)	DRO (C10-C22)
				(USEPA 8021B)		(USEPA 8015B)	
			(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMOCD Action Level			100	10	50	100	
SB-8	6-Nov-12	12-16	**3,292**	NA	NA	NA	NA
		16-20	**4,764**	NA	NA	NA	NA
		20-24	**1,334**	NA	NA	NA	NA
		24-28	**350**	0.14	1.05	<4.8	<9.8

NA - Not analyzed

TABLE 2
SUMMARY OF GROUNDWATER LABORATORY ANALYTICAL RESULTS
Enterprise Lateral K-7 September 2012 Pipeline Release
Continued Site Assessment Report
Rio Arriba County, New Mexico

Sample ID	*Date Sampled*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethyl-Benzene (µg/L)*	*Total Xylenes (µg/L)*
Analytical Method		***8021B***	***8021B***	***8021B***	***8021B***
WQCC Standard		***10***	***750***	***750***	***620***
SB-1W	06-Nov-12	**27**	120	7.6	110
SB-2W	06-Nov-12	**27**	61	3.2	77
SB-3W	06-Nov-12	**260**	**790**	52	450
SB-4W	06-Nov-12	**31**	50	<2.0	21
SB-5W	06-Nov-12	**150**	320	8.1	63
SB-6W	06-Nov-12	**62**	170	7.0	60

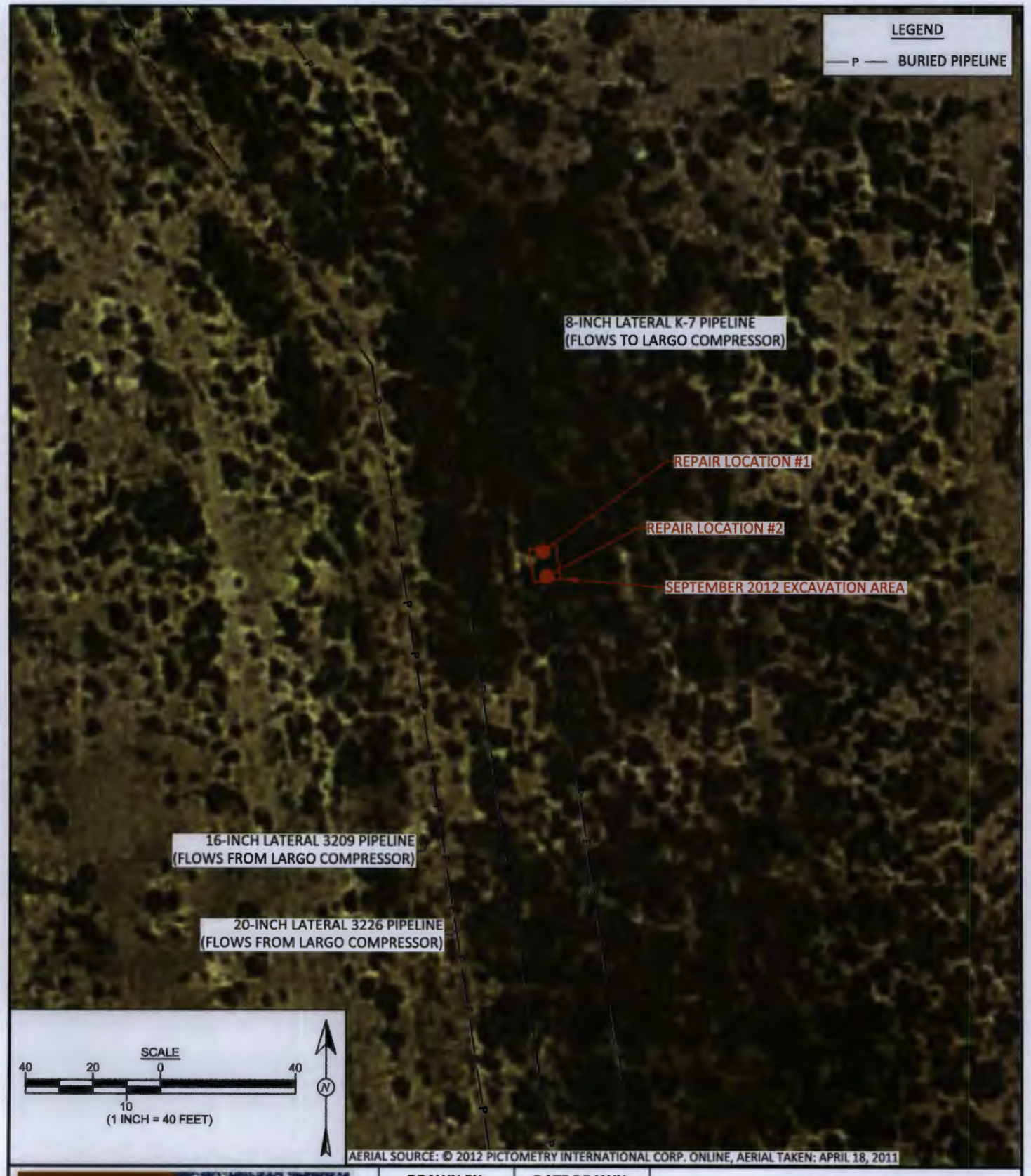


Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** November 9, 2012
REVISIONS BY: C. Lameman	**DATE REVISED:** November 9, 2012
CHECKED BY: T. Ross	**DATE CHECKED:** February 1, 2013
APPROVED BY: E. McNally	**DATE APPROVED:** February 1, 2013

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
ENTERPRISE FIELD SERVICES, LLC
LATERAL K-7 SEPTEMBER 2012 PIPELINE RELEASE
CONTINUED SITE ASSESSMENT
RIO ARRIBA COUNTY, NEW MEXICO
NE¼ NW¼, SECTION 27, T26N, R7W
N36.46422, W107.56505

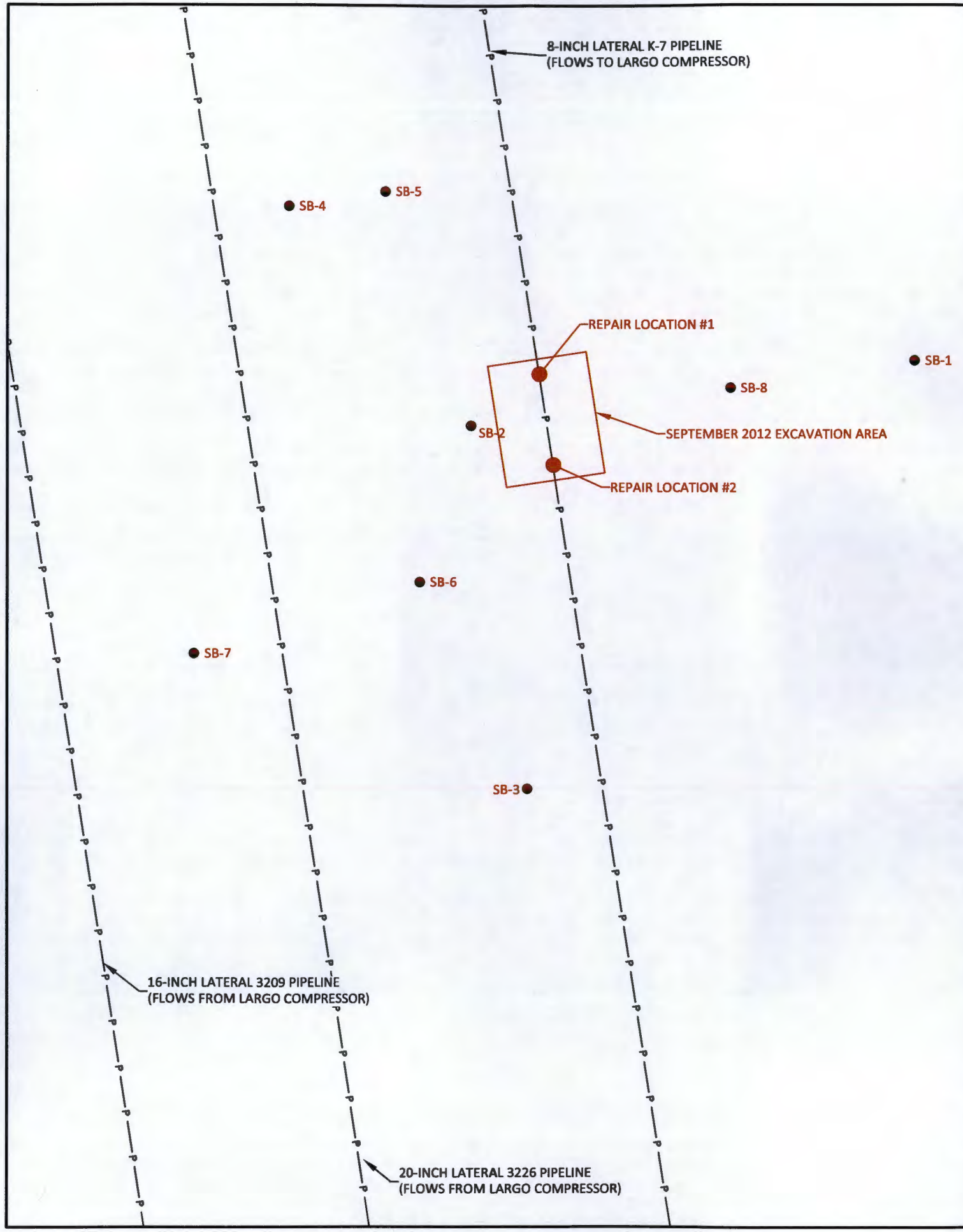


Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** November 9, 2012
REVISIONS BY: C. Lameman	**DATE REVISED:** November 9, 2012
CHECKED BY: T. Ross	**DATE CHECKED:** February 1, 2013
APPROVED BY: E. McNally	**DATE APPROVED:** February 1, 2013

FIGURE 2

AERIAL SITE MAP
ENTERPRISE FIELD SERVICES, LLC
LATERAL K-7 SEPTEMBER 2012 PIPELINE RELEASE
CONTINUED SITE ASSESSMENT
RIO ARRIBA COUNTY, NEW MEXICO
NE¼ NW¼, SECTION 27, T26N, R7W
N36.46422, W107.56505



Soil Field Screening and Laboratory Analytical Results

Sample ID	Date	Depth (ft)	OVM-PID (ppm)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)
NMOCD ACTION LEVEL			100	10	50	100	
SB-1	11/6/12	0 to 4	0.5	NA	NA	NA	NA
		4 to 8	74.3	NA	NA	NA	NA
		8 to 12	**431**	NA	NA	NA	NA
		12 to 16	**187**	NA	NA	NA	NA
		16 to 20	**170**	NA	NA	NA	NA
		20 to 24	**243**	NA	NA	NA	NA
		24 to 28	94	0.13	0.57	<4.8	<9.8
		28 to 32	18.3	<0.047	<0.234	<4.7	<9.7
		32 to 36	16.8	NA	NA	NA	NA
SB-2	11/6/12	0 to 4	4.2	NA	NA	NA	NA
		4 to 8	45.0	NA	NA	NA	NA
		8 to 12	37.5	NA	NA	NA	NA
		12 to 16	**107**	<0.047	0.35	<4.7	<10
		16 to 20	14.2	NA	NA	NA	NA
		20 to 24	50.2	NA	NA	NA	NA
		24 to 28	23.1	<0.046	<0.23	<4.6	<10
		28 to 32	39.7	NA	NA	NA	NA
SB-3	11/6/12	0 to 4	**4,703**	NA	NA	NA	NA
		4 to 8	**3,970**	NA	NA	NA	NA
		8 to 12	**3,006**	**110**	**4,690**	**22,000**	**1,400**
		12 to 16	**3,202**	NA	NA	NA	NA
		16 to 20	**3,112**	NA	NA	NA	NA
		20 to 24	**3,953**	**39**	**1,120**	**7,100**	**530**
		24 to 28	**235**	0.69	3.1	14	<10
		28 to 32	84.4	NA	NA	NA	NA
SB-4	11/6/12	0 to 4	44.0	NA	NA	NA	NA
		4 to 8	**104**	NA	NA	NA	NA
		8 to 12	**210**	NA	NA	NA	NA
		12 to 16	75.4	<0.049	0.18	<4.9	<10
		16 to 20	49.4	<0.049	<0.244	<4.9	<9.7
		20 to 24	**135**	NA	NA	NA	NA
		24 to 28	66.4	<0.046	0.53	<4.6	<9.9
		28 to 32	17.1	NA	NA	NA	NA
SB-5	11/6/12	0 to 4	**120**	NA	NA	NA	NA
		4 to 8	**237**	NA	NA	NA	NA
		8 to 12	**318**	<0.048	0.95	<4.8	<10
		12 to 16	**680**	NA	NA	NA	NA
		16 to 20	**424**	NA	NA	NA	NA
		20 to 24	**194**	NA	NA	NA	NA
		24 to 28	NA	<0.048	0.24	<4.8	<9.7
		28 to 32	14.2	NA	NA	NA	NA
		32 to 36	15.4	NA	NA	NA	NA
SB-6	11/6/12	0 to 4	**1,077**	NA	NA	NA	NA
		4 to 8	**137**	NA	NA	NA	NA
		8 to 12	NA	NA	NA	NA	NA
		12 to 16	**212**	NA	NA	NA	NA
		16 to 20	**265**	NA	NA	NA	NA
		20 to 24	**330**	NA	NA	NA	NA
		24 to 28	**117**	0.12	0.45	<4.8	<9.9
		28 to 32	86.2	NA	NA	NA	NA
SB-7	11/6/12	0 to 4	25.5	NA	NA	NA	NA
		4 to 8	67.2	NA	NA	NA	NA
		8 to 12	99.2	NA	NA	NA	NA
		12 to 16	99.7	NA	NA	NA	NA
		16 to 20	85.7	<0.046	0.10	<4.6	<9.7
SB-8	11/6/12	0 to 4	50.7	NA	NA	NA	NA
		4 to 8	**4,508**	NA	NA	NA	NA
		8 to 12	**4,286**	**29**	**2,540**	**15,000**	**1,500**
		12 to 16	**3,292**	NA	NA	NA	NA
		16 to 20	**4,764**	NA	NA	NA	NA
		20 to 24	**1,334**	NA	NA	NA	NA
		24 to 28	**350**	0.14	1.05	<4.8	<9.8

ALL SAMPLES WERE ANALYZED PER EPA METHOD 8021B AND 8015B.
NA - NOT ANALYZED

FIGURE 3

SOIL BORING SAMPLE LOCATIONS AND RESULTS, NOVEMBER 2012

ENTERPRISE FIELD SERVICES, LLC
LATERAL K-7 SEPTEMBER 2012 PIPELINE RELEASE
CONTINUED SITE ASSESSMENT
RIO ARRIBA COUNTY, NEW MEXICO
NE¼ NW¼, SECTION 27, T26N, R7W
N36.46422, W107.56505

Animas Environmental Services, LLC

DRAWN BY:	DATE DRAWN:
C. Lameman	November 9, 2012
REVISIONS BY:	**DATE REVISED:**
C. Lameman	November 9, 2012
CHECKED BY:	**DATE CHECKED:**
T. Ross	February 1, 2013
APPROVED BY:	**DATE APPROVED:**
E. McNally	February 1, 2013

LEGEND

● SAMPLE LOCATIONS

—P— BURIED PIPELINE (APPROXIMATE)

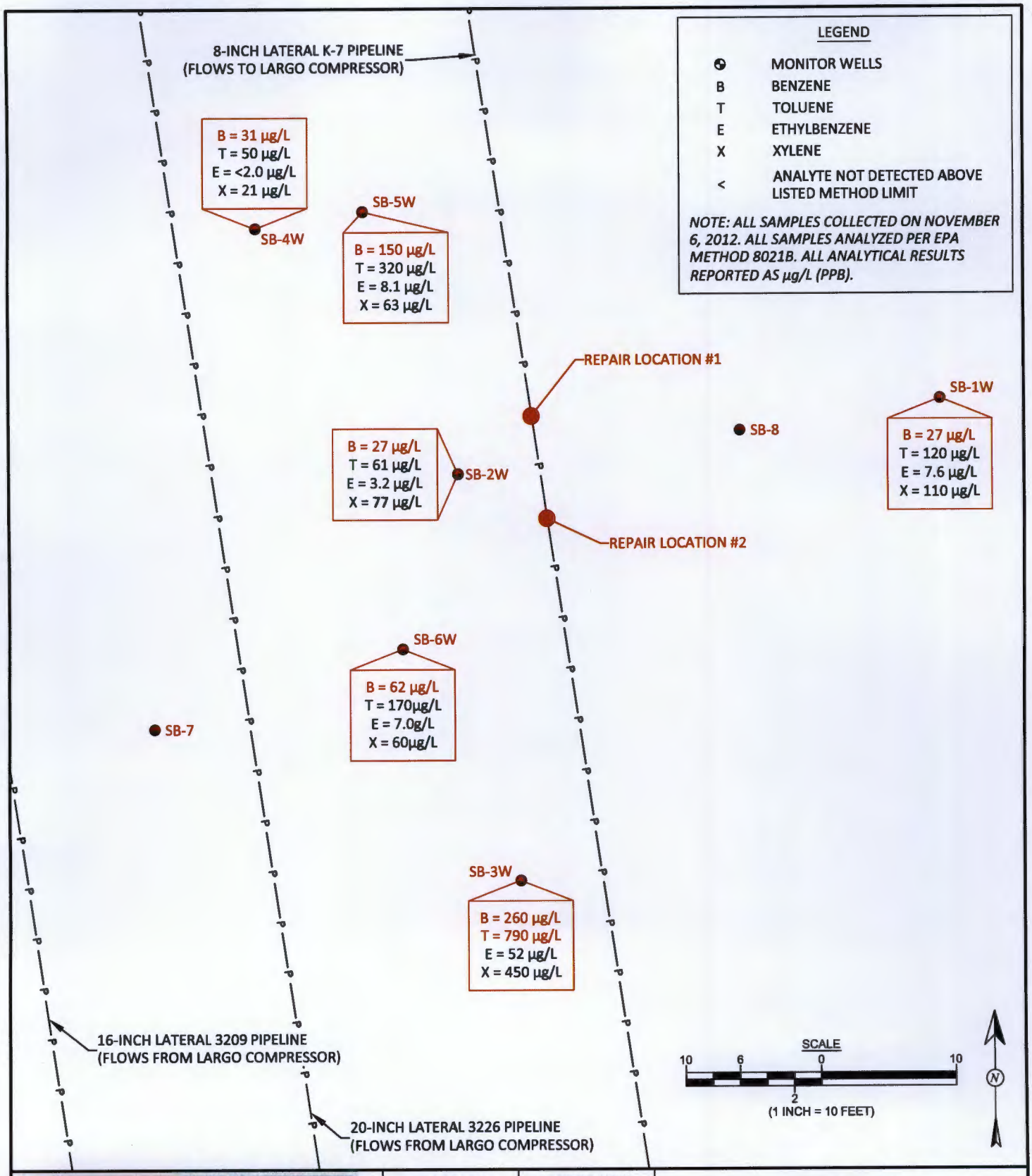
N

SCALE

10 6 0 10

2

(1 INCH = 10 FEET)

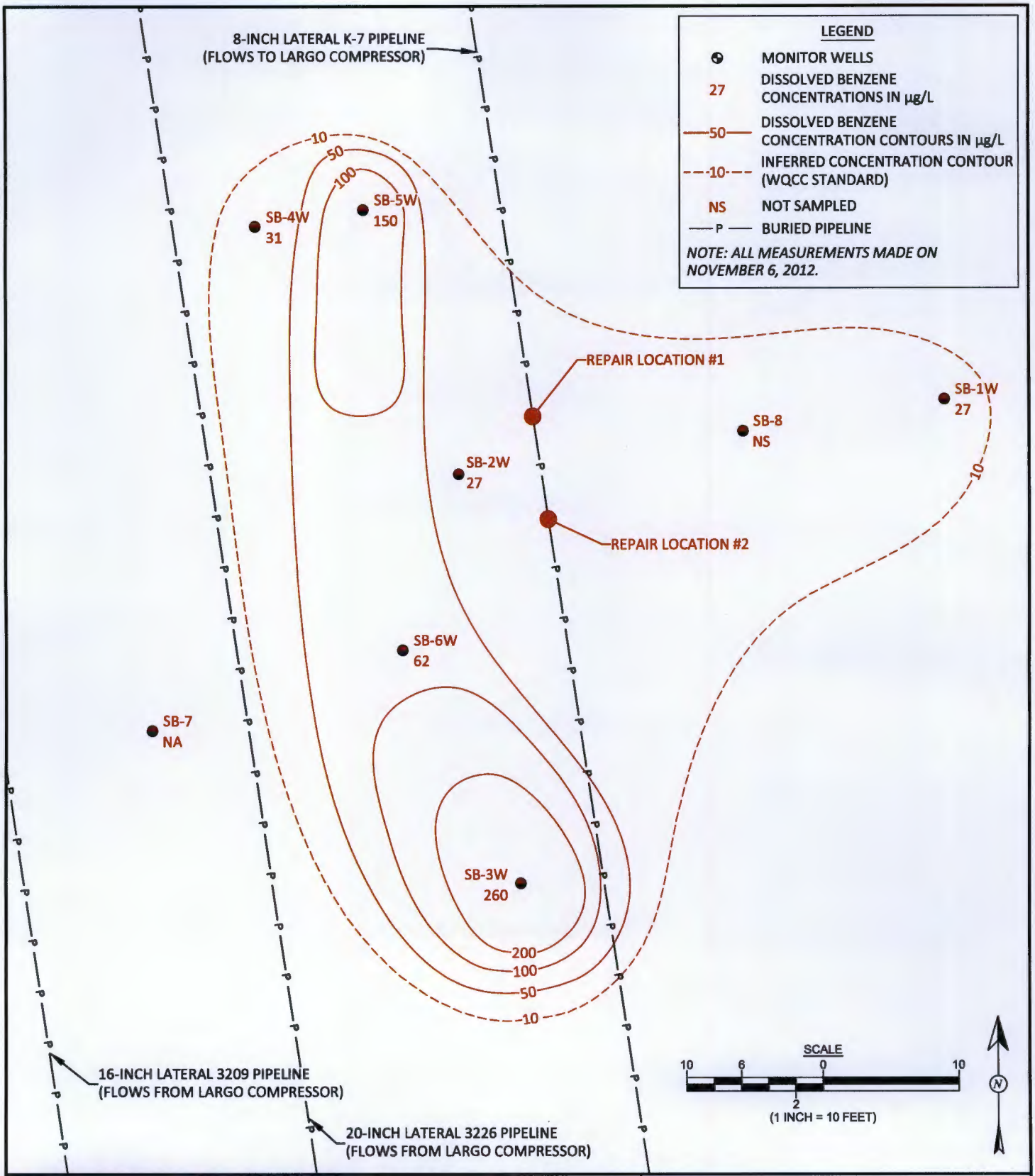


Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** November 9, 2012
REVISIONS BY: C. Lameman	**DATE REVISED:** November 9, 2012
CHECKED BY: T. Ross	**DATE CHECKED:** February 1, 2013
APPROVED BY: E. McNally	**DATE APPROVED:** February 1, 2013

FIGURE 4

GROUNDWATER SAMPLE LOCATIONS AND RESULTS, NOVEMBER 2012
ENTERPRISE FIELD SERVICES, LLC
LATERAL K-7 SEPTEMBER 2012 PIPELINE RELEASE
CONTINUED SITE ASSESSMENT
RIO ARRIBA COUNTY, NEW MEXICO
NE¼ NW¼, SECTION 27, T26N, R7W
N36.46422, W107.56505



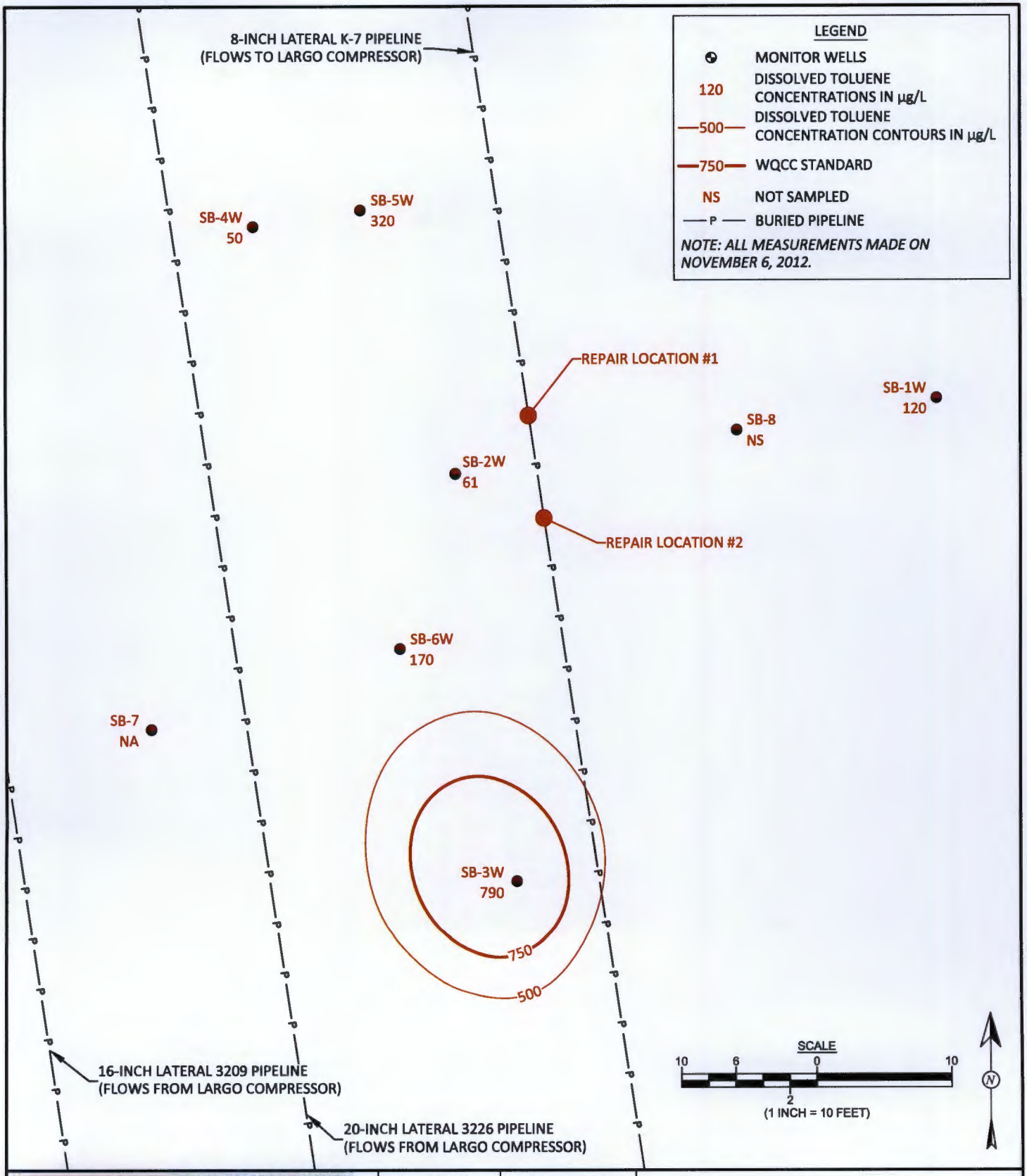
Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: December 3, 2012
REVISIONS BY: C. Lameman	DATE REVISED: December 3, 2012
CHECKED BY: T. Ross	DATE CHECKED: February 1, 2013
APPROVED BY: E. McNally	DATE APPROVED: February 1, 2013

FIGURE 5

DISSOLVED PHASE BENZENE CONCENTRATION CONTOURS, NOVEMBER 2012

ENTERPRISE FIELD SERVICES, LLC
LATERAL K-7 SEPTEMBER 2012 PIPELINE RELEASE
CONTINUED SITE ASSESSMENT
RIO ARRIBA COUNTY, NEW MEXICO
NE¼ NW¼, SECTION 27, T26N, R7W
N36.46422, W107.56505



Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: December 3, 2012
REVISIONS BY: C. Lameman	DATE REVISED: December 3, 2012
CHECKED BY: T. Ross	DATE CHECKED: February 1, 2013
APPROVED BY: E. McNally	DATE APPROVED: February 1, 2013

FIGURE 6

DISSOLVED PHASE TOLUENE CONCENTRATION CONTOURS, NOVEMBER 2012
ENTERPRISE FIELD SERVICES, LLC
LATERAL K-7 SEPTEMBER 2012 PIPELINE RELEASE
CONTINUED SITE ASSESSMENT
RIO ARRIBA COUNTY, NEW MEXICO
NE¼ NW¼, SECTION 27, T26N, R7W
N36.46422, W107.56505

Animas Environmental Services, LLC.
624 East Comanche St.
Farmington, NM 87401

SB-1

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46423
Date Completed	: 11/6/12	Longitude	: W107.56500
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588	SM		Silty Sand, Tan, Fine to Medium Grained, Dry		
2	5586	SP		Sand with Silt and Clay, Tan to Light Brown, Fine to Medium Grained, Dry to Moist		0.5
4	5584	CL		Sandy Clay, Medium Brown, Moist		
6	5582	SM		Silty Sand, Fine to Medium Grained, Tan, Dry to Slightly Moist, Slight Odor		74.3
8	5580					
10	5578					431
12	5576	CL		Lean Clay, Tan, Dry to Slightly Moist		
14	5574					187
16	5572			Some Sand, Slight Odor		
18	5570					179
20	5568					
22	5566					243
24	5564	CL		Sandy Clay, Medium Brown, Moist to Wet, Slight Odor		
26	5562					94
28	5560					
30	5558					18.3
32	5556					
34	5554	SP		Poorly Graded Sand, Some Silt, Light Tan, Wet, No Odor		16.8
36						

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Animas Environmental Services LLC
624 East Comanche St.
Farmington, NM 87401

SB-2

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46415
Date Completed	: 11/6/12	Longitude	: W107.56509
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth In Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588					
2	5586	SM		Silty Sand, Light Brown, Dry, No Odor.		4.2
4	5584					
6	5582	CL		Sandy Clay, Light Brown, No Odor		45.0
8	5580					
10	5578					37.5
12	5576					
14	5574					107
16	5572	CL		Lean Clay, Light Tan, Dry, Slight "Old" Odor		
18	5570					14.2
20	5568					
22	5566					50.2
24	5564					
26	5562	SM		Silty Sand, Light Brown, Wet, No Odor		23.1
28	5560					
30	5558	SP		Sand with Silt, Light Brown, Wet, No Odor		39.7
32						

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Animas Environmental Services, LLC.
624 East Comanche St.
Farmington, NM 87401

SB-3

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46422
Date Completed	: 11/6/12	Longitude	: W107.56510
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588	SM		Silty Sand, Light Brown, Fine to Medium Grained, Moist, Strong Odor		
2	5586					4,703
4	5584	SC		Clayey Sand, Light Brown, Fine to Medium Grained, Moist, Strong Odor		
6	5582					3,970
8	5580	SM		Silty Sand, Light Brown, Fine to Medium Grained, Moist, Strong Odor		
10	5578					3,006
12	5576	SC		Clayey Sand, Light Brown, Fine to Medium Grained, Moist, Strong Odor		
14	5574					3,202
16	5572					
18	5570					3,112
20	5568	CL		Lean Clay, Some Sand , Light Brown to Medium Brown, Slight Moist, Strong Odor		
22	5566					3,953
24	5564			Sandy, Moist		
26	5562	SC		Clayey Sand, Medium Brown, Fine to Medium Grained, Wet, No Odor		235
28	5560	SP		Sand, Medium to Coarse Grained, Medium Brown, Wet, No Odor		
30	5558					84.4
32						

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Animas Environmental Services, LLC.
624 East Comanche St.
Farmington, NM 87401

SB-4

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46428
Date Completed	: 11/6/12	Longitude	: W107.55519
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588	SC		Clayey Sand, Light Brown, Fine Grained, Dry, No Odor		
2	5586					44.0
4	5584	SM		Silty Sand with Clay, Fine Grained, Dry, No Odor		
6	5582					104
8	5580					
10	5578					210
12	5576					
14	5574	SC		Clayey Sand, Light Brown, Fine to Medium Grained, Dry, Slight Odor		75.4
16	5572	SM		Silty Sand, Light Brown, Fine to Medium Grained, Dry, Slight Odor		
18	5570					49.4
20	5568	CL		Sandy Lean Clay, Medium Brown, Dry to Slightly Moist, Slight Odor		
22	5566					135
24	5564					
26	5562	SP		Sand with Silt, Medium to Coarse Grained, Light Brown, Wet, No Odor		66.4
28	5560					
30	5558					17.1
32						

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Animas Environmental Services, LLC.
624 East Comanche St.
Farmington, NM 87401

SB-5

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46427
Date Completed	: 11/6/12	Longitude	: W107.56512
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth In Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588					
2	5586	CL		Sandy Lean Clay, Light Brown, Dry, No Odor		120
4	5584	SM		Silt with Sand, Light Brown to Tan, Dry, No Odor		
6	5582					
8	5580	CL		Sandy Lean Clay, Light Brown, Dry, Slight Odor		237
		SM		Silt with Sand, Light Tan to Light Brown, Dry, Slight Odor		
10	5578	CL		Lean Clay, Light Brown, Dry, Odor		
12	5576					318
14	5574					
16	5572	SP		Sand with Silt, Fine to Medium Grained, Dry, Slight Odor		
18	5570					680
20	5568	CL		Lean Clay, Light Brown, Dry, Slight Odor		
22	5566					424
24	5564	SC		Clayey Sand, Brown, Fine Grained, Dry, Slight Odor		
26	5562					194
28	5560	SP		Sand with Clay, Fine to Medium Grained, Brown, No Odor, Wet		
30	5558					14.2
32	5556					
34	5554					15.4
36		SP		Sand with gravel, Medium to Coarse Grained, Brown, No Odor, Wet		

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Animas Environmental Services, LLC.
624 East Comanche St.
Farmington, NM 87401

SB-6

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46418
Date Completed	: 11/6/12	Longitude	: W107.56521
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588					
2	5586	SC		Clayey Sand, Fine Grained, Light Brown, Fine Grained, Dry to Moist, Odor		1,077
4	5584					
6	5582	ML		Silt, Tan, Dry, Slight Odor		137
8	5580					
10	5578			No Recovery		
12	5576					
14	5574	CL		Silty Lean Clay, Medium Brown, Dry, Slight Odor		212
16	5572			With Sand, Very Slight Odor		
18	5570					285
20	5568					
22	5566	SP		Sand with Silt, Fine Grained, Light Brown, Slight Odor, Dry		330
		CL		Lean Clay some Sand, Light Brown, Dry, Odor		
24	5564					
26	5562	SC		Clayey Sand, Light Brown, Slight Odor, Moist wet		117
28	5560					
		SC		Clayey Sand, Light Brown, Wet, No Odor		
30	5558					86.2
		SP		Sand with Gravel, Light to Medium Brown, Wet, No Odor		
32						

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SB-7

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46418
Date Completed	: 11/6/12	Longitude	: W107.56521
Hole Diameter	: 2.25 In.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth In Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588	CL		Lean Clay, Light Brown, Dry, No Odor		
2	5586	SM		Silty Sand, Light Brown, Dry, No Odor		25.5
4	5584					
6	5582					67.2
8	5580	CL		Lean Clay, Light Brown to Tan, Dry, Slight Odor		
10	5578	ML		Silt with Clay, Light Tan, Dry, Slight Odor		99.2
12	5576	CL		Sandy Lean Clay, Light Brown to Tan, Dry, Slight Odor		
14	5574	CL		Sandy Lean Clay, Tan, Dry, Slight Odor		99.7
16	5572					
18	5570	SP		Sand with Silt and Clay, Medium to Coarse Grained, Light Brown, Dry, Slight Odor		86.7
20						

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Animas Environmental Services, LLC.
624 East Comanche St.
Farmington, NM 87401

SB-8

LATERAL K-7 SEPTEMBER 2012
CONTINUED SITE ASSESSMENT
ENTERPRISE FIELD SERVICES, LLC
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 11/6/12	Latitude	: N36.46421
Date Completed	: 11/6/12	Longitude	: W107.56506
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Anna Riling
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev. 5588	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	5588	SM		Silty Sand, Fine Grained, Tan, Dry, No Odor		
2	5586	SP		Sand, Medium Grained, Tan, Dry, No Odor		50.7
4	5584	CL		Sandy Lean Clay, Brown, Dry, No Odor		
6	5582			Strong Odor		4,508
8	5580	SM		Silty Sand, Light Brown, Dry, Strong Odor		
10	5578					4,286
12	5576	CL		Sandy Lean Clay, Tan, Dry, Strong Odor		
14	5574	SM		Silty Sand, Fine Grained, Tan, Dry, Strong Odor		3,292
16	5572	CL		Sandy Lean Clay, Tan, Dry, Strong Odor		
18	5570	SM		Silty Sand, Light Brown, Fine to Medium Grained, Dry, Strong Odor		4,764
20	5568			Slight Odor		
22	5566	CL		Lean Clay, Brown, Dry to Moist, Slight Odor, With Silty Sand Interbeds With Strong Odor		1,334
24	5564	SC		Clayey Sand, Slightly Red-Brown to Medium Brown, Medium to Coarse Grained, Moist		
26	5562			Wet		350
28						

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HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

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

November 21, 2012

Ross Kennemer
Animas Environmental Services
624 East Comanche
Farmington, NM 87401
TEL: (505) 486-1776
FAX (505) 324-2022

RE: Enterprise Lateral K7 September Release OrderNo.: 1211344

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 22 sample(s) on 11/8/2012 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
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1211344**
Date Reported: **11/21/2012**

CLIENT: Animas Environmental Services
Project: Enterprise Lateral K7 September Release
Lab ID: 1211344-001 **Matrix:** SOIL

Client Sample ID: SB-1 (24-28)
Collection Date: 11/6/2012 9:25:00 AM
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/12/2012 9:23:35 AM
Surr: DNOP	84.3	77.6-140		%REC	1	11/12/2012 9:23:35 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/9/2012 1:05:51 PM
Surr: BFB	97.2	84-116		%REC	1	11/9/2012 1:05:51 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	0.13	0.048		mg/Kg	1	11/9/2012 1:05:51 PM
Toluene	0.26	0.048		mg/Kg	1	11/9/2012 1:05:51 PM
Ethylbenzene	ND	0.048		mg/Kg	1	11/9/2012 1:05:51 PM
Xylenes, Total	0.18	0.095		mg/Kg	1	11/9/2012 1:05:51 PM
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	11/9/2012 1:05:51 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Lateral K7 September Release
Lab ID: 1211344-002 **Matrix:** SOIL

Client Sample ID: SB-1 (28-32)
Collection Date: 11/6/2012 9:28:00 AM
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2012 10:28:13 AM
Surr: DNOP	86.9	77.6-140		%REC	1	11/12/2012 10:28:13 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/9/2012 1:34:42 PM
Surr: BFB	95.6	84-116		%REC	1	11/9/2012 1:34:42 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.047		mg/Kg	1	11/9/2012 1:34:42 PM
Toluene	ND	0.047		mg/Kg	1	11/9/2012 1:34:42 PM
Ethylbenzene	ND	0.047		mg/Kg	1	11/9/2012 1:34:42 PM
Xylenes, Total	ND	0.093		mg/Kg	1	11/9/2012 1:34:42 PM
Surr: 4-Bromofluorobenzene	99.5	80-120		%REC	1	11/9/2012 1:34:42 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-2 (12-16)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 10:28:00 AM
Lab ID: 1211344-003 **Matrix:** SOIL
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2012 10:49:54 AM
Surr: DNOP	84.4	77.6-140		%REC	1	11/12/2012 10:49:54 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/12/2012 4:29:18 PM
Surr: BFB	112	84-116		%REC	1	11/12/2012 4:29:18 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.047		mg/Kg	1	11/12/2012 4:29:18 PM
Toluene	ND	0.047		mg/Kg	1	11/12/2012 4:29:18 PM
Ethylbenzene	ND	0.047		mg/Kg	1	11/12/2012 4:29:18 PM
Xylenes, Total	0.35	0.094		mg/Kg	1	11/12/2012 4:29:18 PM
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	11/12/2012 4:29:18 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-2 (24-28)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 10:36:00 AM
Lab ID: 1211344-004 **Matrix:** SOIL
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2012 11:11:35 AM
Surr: DNOP	82.2	77.6-140		%REC	1	11/12/2012 11:11:35 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/9/2012 2:32:19 PM
Surr: BFB	95.6	84-116		%REC	1	11/9/2012 2:32:19 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.046		mg/Kg	1	11/9/2012 2:32:19 PM
Toluene	ND	0.046		mg/Kg	1	11/9/2012 2:32:19 PM
Ethylbenzene	ND	0.046		mg/Kg	1	11/9/2012 2:32:19 PM
Xylenes, Total	ND	0.092		mg/Kg	1	11/9/2012 2:32:19 PM
Surr: 4-Bromofluorobenzene	99.8	80-120		%REC	1	11/9/2012 2:32:19 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-3 (8-12)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 11:28:00 AM
Lab ID: 1211344-005 **Matrix:** SOIL
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	1400	200		mg/Kg	20	11/13/2012 11:31:14 AM
Surr: DNOP	0	77.6-140	S	%REC	20	11/13/2012 11:31:14 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	22000	490		mg/Kg	100	11/9/2012 3:01:05 PM
Surr: BFB	349	84-116	S	%REC	100	11/9/2012 3:01:05 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	110	4.9		mg/Kg	100	11/9/2012 3:01:05 PM
Toluene	1800	49		mg/Kg	1000	11/12/2012 4:00:34 PM
Ethylbenzene	180	4.9		mg/Kg	100	11/9/2012 3:01:05 PM
Xylenes, Total	2600	98		mg/Kg	1000	11/12/2012 4:00:34 PM
Surr: 4-Bromofluorobenzene	132	80-120	S	%REC	100	11/9/2012 3:01:05 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-3 (20-24)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 11:35:00 AM
Lab ID: 1211344-006 **Matrix:** SOIL
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	530	9.8		mg/Kg	1	11/12/2012 12:16:45 PM
Surr: DNOP	84.6	77.6-140		%REC	1	11/12/2012 12:16:45 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	7100	470		mg/Kg	100	11/9/2012 3:29:52 PM
Surr: BFB	178	84-116	S	%REC	100	11/9/2012 3:29:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	39	4.7		mg/Kg	100	11/9/2012 3:29:52 PM
Toluene	450	4.7		mg/Kg	100	11/9/2012 3:29:52 PM
Ethylbenzene	55	4.7		mg/Kg	100	11/9/2012 3:29:52 PM
Xylenes, Total	580	9.4		mg/Kg	100	11/9/2012 3:29:52 PM
Surr: 4-Bromofluorobenzene	116	80-120		%REC	100	11/9/2012 3:29:52 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-3 (24-28)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 11:37:00 AM
Lab ID: 1211344-007 **Matrix:** SOIL
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2012 12:38:27 PM
Surr: DNOP	85.3	77.6-140		%REC	1	11/12/2012 12:38:27 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	14	4.8		mg/Kg	1	11/9/2012 3:58:36 PM
Surr: BFB	113	84-116		%REC	1	11/9/2012 3:58:36 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	0.69	0.048		mg/Kg	1	11/9/2012 3:58:36 PM
Toluene	1.5	0.048		mg/Kg	1	11/9/2012 3:58:36 PM
Ethylbenzene	0.081	0.048		mg/Kg	1	11/9/2012 3:58:36 PM
Xylenes, Total	0.82	0.096		mg/Kg	1	11/9/2012 3:58:36 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	11/9/2012 3:58:36 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Lateral K7 September Release
Lab ID: 1211344-008 **Matrix:** SOIL

Client Sample ID: SB-4 (12-16)
Collection Date: 11/6/2012 12:32:00 PM
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2012 1:00:14 PM
Surr: DNOP	96.8	77.6-140		%REC	1	11/12/2012 1:00:14 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/9/2012 4:27:18 PM
Surr: BFB	105	84-116		%REC	1	11/9/2012 4:27:18 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.049		mg/Kg	1	11/9/2012 4:27:18 PM
Toluene	ND	0.049		mg/Kg	1	11/9/2012 4:27:18 PM
Ethylbenzene	ND	0.049		mg/Kg	1	11/9/2012 4:27:18 PM
Xylenes, Total	0.18	0.099		mg/Kg	1	11/9/2012 4:27:18 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	11/9/2012 4:27:18 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Lateral K7 September Release
Lab ID: 1211344-009 **Matrix:** SOIL

Client Sample ID: SB-4 (16-20)
Collection Date: 11/6/2012 12:24:00 PM
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2012 1:21:59 PM
Surr: DNOP	83.6	77.6-140		%REC	1	11/12/2012 1:21:59 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/9/2012 4:55:59 PM
Surr: BFB	102	84-116		%REC	1	11/9/2012 4:55:59 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.049		mg/Kg	1	11/9/2012 4:55:59 PM
Toluene	ND	0.049		mg/Kg	1	11/9/2012 4:55:59 PM
Ethylbenzene	ND	0.049		mg/Kg	1	11/9/2012 4:55:59 PM
Xylenes, Total	ND	0.097		mg/Kg	1	11/9/2012 4:55:59 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	11/9/2012 4:55:59 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-4 (24-28)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 12:28:00 PM
Lab ID: 1211344-010 **Matrix:** SOIL
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/12/2012 1:44:00 PM
Surr: DNOP	84.6	77.6-140		%REC	1	11/12/2012 1:44:00 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/12/2012 10:43:03 PM
Surr: BFB	97.5	84-116		%REC	1	11/12/2012 10:43:03 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.046		mg/Kg	1	11/12/2012 10:43:03 PM
Toluene	0.20	0.046		mg/Kg	1	11/12/2012 10:43:03 PM
Ethylbenzene	ND	0.046		mg/Kg	1	11/12/2012 10:43:03 PM
Xylenes, Total	0.33	0.092		mg/Kg	1	11/12/2012 10:43:03 PM
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	11/12/2012 10:43:03 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Lateral K7 September Release
Lab ID: 1211344-011 **Matrix:** SOIL

Client Sample ID: SB-5 (8-12)
Collection Date: 11/6/2012 1:16:00 PM
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/12/2012 2:05:48 PM
Surr: DNOP	89.7	77.6-140		%REC	1	11/12/2012 2:05:48 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/12/2012 11:11:49 PM
Surr: BFB	107	84-116		%REC	1	11/12/2012 11:11:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.048		mg/Kg	1	11/12/2012 11:11:49 PM
Toluene	0.095	0.048		mg/Kg	1	11/12/2012 11:11:49 PM
Ethylbenzene	ND	0.048		mg/Kg	1	11/12/2012 11:11:49 PM
Xylenes, Total	0.85	0.096		mg/Kg	1	11/12/2012 11:11:49 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	11/12/2012 11:11:49 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-5 (24-28)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 1:25:00 PM
Lab ID: 1211344-012 **Matrix:** SOIL **Received Date:** 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2012 6:47:42 PM
Surr: DNOP	95.5	77.6-140		%REC	1	11/12/2012 6:47:42 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/12/2012 11:40:33 PM
Surr: BFB	99.1	84-116		%REC	1	11/12/2012 11:40:33 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.048		mg/Kg	1	11/12/2012 11:40:33 PM
Toluene	0.060	0.048		mg/Kg	1	11/12/2012 11:40:33 PM
Ethylbenzene	ND	0.048		mg/Kg	1	11/12/2012 11:40:33 PM
Xylenes, Total	0.18	0.097		mg/Kg	1	11/12/2012 11:40:33 PM
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	11/12/2012 11:40:33 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-6 (24-28)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 2:32:00 PM
Lab ID: 1211344-013 **Matrix:** SOIL **Received Date:** 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/12/2012 7:19:10 PM
Surr: DNOP	98.5	77.6-140		%REC	1	11/12/2012 7:19:10 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/10/2012 1:33:24 AM
Surr: BFB	97.4	84-116		%REC	1	11/10/2012 1:33:24 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	0.12	0.048		mg/Kg	1	11/10/2012 1:33:24 AM
Toluene	0.17	0.048		mg/Kg	1	11/10/2012 1:33:24 AM
Ethylbenzene	ND	0.048		mg/Kg	1	11/10/2012 1:33:24 AM
Xylenes, Total	0.16	0.095		mg/Kg	1	11/10/2012 1:33:24 AM
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	11/10/2012 1:33:24 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Lateral K7 September Release
Lab ID: 1211344-014 **Matrix:** SOIL

Client Sample ID: SB-7 (16-20)
Collection Date: 11/6/2012 3:10:00 PM
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/12/2012 7:50:35 PM
Surr: DNOP	100	77.6-140		%REC	1	11/12/2012 7:50:35 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	11/10/2012 2:02:04 AM
Surr: BFB	98.2	84-116		%REC	1	11/10/2012 2:02:04 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.046		mg/Kg	1	11/10/2012 2:02:04 AM
Toluene	ND	0.046		mg/Kg	1	11/10/2012 2:02:04 AM
Ethylbenzene	ND	0.046		mg/Kg	1	11/10/2012 2:02:04 AM
Xylenes, Total	0.10	0.093		mg/Kg	1	11/10/2012 2:02:04 AM
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	11/10/2012 2:02:04 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-8 (8-12)
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 3:20:00 PM
Lab ID: 1211344-015 **Matrix:** SOIL
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	1500	100		mg/Kg	10	11/13/2012 10:59:35 AM
Surr: DNOP	0	77.6-140	S	%REC	10	11/13/2012 10:59:35 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	15000	460		mg/Kg	100	11/10/2012 2:30:52 AM
Surr: BFB	362	84-116	S	%REC	100	11/10/2012 2:30:52 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	29	4.6		mg/Kg	100	11/10/2012 2:30:52 AM
Toluene	570	23		mg/Kg	500	11/13/2012 12:09:19 AM
Ethylbenzene	140	4.6		mg/Kg	100	11/10/2012 2:30:52 AM
Xylenes, Total	1800	46		mg/Kg	500	11/13/2012 12:09:19 AM
Surr: 4-Bromofluorobenzene	131	80-120	S	%REC	100	11/10/2012 2:30:52 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Lateral K7 September Release
Lab ID: 1211344-016 **Matrix:** SOIL

Client Sample ID: SB-8 (24-28)
Collection Date: 11/6/2012 3:34:00 PM
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/12/2012 9:25:00 PM
Surr: DNOP	96.5	77.6-140		%REC	1	11/12/2012 9:25:00 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/13/2012 1:27:43 PM
Surr: BFB	102	84-116		%REC	1	11/13/2012 1:27:43 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	0.14	0.048		mg/Kg	1	11/13/2012 1:27:43 PM
Toluene	0.52	0.048		mg/Kg	1	11/13/2012 1:27:43 PM
Ethylbenzene	ND	0.048		mg/Kg	1	11/13/2012 1:27:43 PM
Xylenes, Total	0.39	0.096		mg/Kg	1	11/13/2012 1:27:43 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	11/13/2012 1:27:43 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-6W
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 2:54:00 PM
Lab ID: 1211344-017
Matrix: AQUEOUS
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	62	2.0		µg/L	2	11/9/2012 11:25:31 PM
Toluene	170	2.0		µg/L	2	11/9/2012 11:25:31 PM
Ethylbenzene	7.0	2.0		µg/L	2	11/9/2012 11:25:31 PM
Xylenes, Total	60	4.0		µg/L	2	11/9/2012 11:25:31 PM
Surr: 4-Bromofluorobenzene	108	69.7-152		%REC	2	11/9/2012 11:25:31 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-4W
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 1:04:00 PM
Lab ID: 1211344-018 **Matrix:** AQUEOUS **Received Date:** 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	31	2.0		µg/L	2	11/9/2012 11:55:49 PM
Toluene	50	2.0		µg/L	2	11/9/2012 11:55:49 PM
Ethylbenzene	ND	2.0		µg/L	2	11/9/2012 11:55:49 PM
Xylenes, Total	21	4.0		µg/L	2	11/9/2012 11:55:49 PM
Surr: 4-Bromofluorobenzene	102	69.7-152		%REC	2	11/9/2012 11:55:49 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-2W
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 11:16:00 AM
Lab ID: 1211344-019
Matrix: AQUEOUS
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	27	2.0		µg/L	2	11/10/2012 12:26:03 AM
Toluene	61	2.0		µg/L	2	11/10/2012 12:26:03 AM
Ethylbenzene	3.2	2.0		µg/L	2	11/10/2012 12:26:03 AM
Xylenes, Total	77	4.0		µg/L	2	11/10/2012 12:26:03 AM
Surr: 4-Bromofluorobenzene	108	69.7-152		%REC	2	11/10/2012 12:26:03 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-1W
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 10:08:00 AM
Lab ID: 1211344-020
Matrix: AQUEOUS
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	27	2.0	p	µg/L	2	11/10/2012 12:56:13 AM
Toluene	120	2.0	p	µg/L	2	11/10/2012 12:56:13 AM
Ethylbenzene	7.6	2.0	p	µg/L	2	11/10/2012 12:56:13 AM
Xylenes, Total	110	4.0	p	µg/L	2	11/10/2012 12:56:13 AM
Surr: 4-Bromofluorobenzene	108	69.7-152	p	%REC	2	11/10/2012 12:56:13 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-5W
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 1:45:00 PM
Lab ID: 1211344-021
Matrix: AQUEOUS
Received Date: 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	150	2.0		µg/L	2	11/10/2012 1:26:33 AM
Toluene	320	20		µg/L	20	11/13/2012 5:13:31 PM
Ethylbenzene	8.1	2.0		µg/L	2	11/10/2012 1:26:33 AM
Xylenes, Total	63	4.0		µg/L	2	11/10/2012 1:26:33 AM
Surr: 4-Bromofluorobenzene	108	69.7-152		%REC	2	11/10/2012 1:26:33 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SB-3W
Project: Enterprise Lateral K7 September Release
Collection Date: 11/6/2012 12:04:00 PM
Lab ID: 1211344-022 **Matrix:** AQUEOUS **Received Date:** 11/8/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	260	5.0		µg/L	5	11/13/2012 5:43:51 PM
Toluene	790	20		µg/L	20	11/14/2012 5:18:02 PM
Ethylbenzene	52	2.0		µg/L	2	11/10/2012 1:56:35 AM
Xylenes, Total	450	4.0		µg/L	2	11/10/2012 1:56:35 AM
Surr: 4-Bromofluorobenzene	113	69.7-152		%REC	2	11/10/2012 1:56:35 AM

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1211344**

21-Nov-12

Client: Animas Environmental Services

Project: Enterprise Lateral K7 September Release

Sample ID **MB-4760**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **4760**	RunNo: **6820**
Prep Date: **11/9/2012**	Analysis Date: **11/12/2012**	SeqNo: **197266** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.3		10.00		83.2	77.6	140			

Sample ID **LCS-4760**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **4760**	RunNo: **6820**
Prep Date: **11/9/2012**	Analysis Date: **11/12/2012**	SeqNo: **197915** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.6	52.6	130			
Surr: DNOP	3.9		5.000		78.2	77.6	140			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1211344**

21-Nov-12

Client: Animas Environmental Services

Project: Enterprise Lateral K7 September Release

Sample ID **MB-4753**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **PBS**	Batch ID: **4753**	RunNo: **6807**
Prep Date: **11/8/2012**	Analysis Date: **11/9/2012**	SeqNo: **197818** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.6	84	116			

Sample ID **LCS-4753**	SampType: **LCS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **LCSS**	Batch ID: **4753**	RunNo: **6807**
Prep Date: **11/8/2012**	Analysis Date: **11/9/2012**	SeqNo: **197819** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	74	117			
Surr: BFB	1000		1000		102	84	116			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1211344**

21-Nov-12

Client: Animas Environmental Services

Project: Enterprise Lateral K7 September Release

Sample ID **MB-4753**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **4753**	RunNo: **6807**
Prep Date: **11/8/2012**	Analysis Date: **11/9/2012**	SeqNo: **197845** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID **LCS-4753**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **4753**	RunNo: **6807**
Prep Date: **11/8/2012**	Analysis Date: **11/9/2012**	SeqNo: **197846** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	100	76.3	117			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	77	116			
Xylenes, Total	3.1	0.10	3.000	0	102	76.7	117			
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1211344

21-Nov-12

Client: Animas Environmental Services

Project: Enterprise Lateral K7 September Release

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R6828**	RunNo: **6828**
Prep Date:	Analysis Date: **11/9/2012**	SeqNo: **197771** 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: 4-Bromofluorobenzene	20		20.00		99.2	69.7	152			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R6828**	RunNo: **6828**
Prep Date:	Analysis Date: **11/9/2012**	SeqNo: **197772** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.9	80	120			
Toluene	19	1.0	20.00	0	97.5	80	120			
Ethylbenzene	20	1.0	20.00	0	99.8	80	120			
Xylenes, Total	62	2.0	60.00	0	103	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		105	69.7	152			

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R6882**	RunNo: **6882**
Prep Date:	Analysis Date: **11/13/2012**	SeqNo: **199164** 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								
Surr: 4-Bromofluorobenzene	21		20.00		103	69.7	152			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R6882**	RunNo: **6882**
Prep Date:	Analysis Date: **11/13/2012**	SeqNo: **199165** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	114	80	120			
Toluene	23	1.0	20.00	0	116	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		110	69.7	152			

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R6909**	RunNo: **6909**
Prep Date:	Analysis Date: **11/14/2012**	SeqNo: **200027** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	ND	1.0								
Surr: 4-Bromofluorobenzene	21		20.00		104	69.7	152			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1211344**

21-Nov-12

Client: Animas Environmental Services

Project: Enterprise Lateral K7 September Release

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R6909**	RunNo: **6909**
Prep Date:	Analysis Date: **11/14/2012**	SeqNo: **200028** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	22	1.0	20.00	0	109	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		110	69.7	152			

Qualifiers:

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

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: **Animas Environmental** Work Order Number: **1211344**

Received by/date: AT 11/08/12

Logged By: **Lindsay Mangin** 11/8/2012 10:00:00 AM

Completed By: **Lindsay Mangin** 11/8/2012 10:36:50 AM

Reviewed By: 11/08/12

Chain of Custody

1. Were seals intact?	Yes	No	Not Present ✔
2. Is Chain of Custody complete?	Yes ✔	No	Not Present
3. How was the sample delivered?	Courier		

Log In

4. Coolers are present? (see 19. for cooler specific information)	Yes ✔	No	NA
5. Was an attempt made to cool the samples?	Yes ✔	No	NA
6. Were all samples received at a temperature of >0° C to 6.0°C	Yes ✔	No	NA
7. Sample(s) in proper container(s)?	Yes ✔	No	
8. Sufficient sample volume for indicated test(s)?	Yes ✔	No	
9. Are samples (except VOA and ONG) properly preserved?	Yes ✔	No	
10. Was preserved added to bottles?	Yes	No ✔	NA
11. VOA vials have zero headspace?	Yes ✔	No	No VOA Vials ✔
12. Were any sample containers received broken?	Yes	No ✔	
13. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ✔	No	# of preserved bottles checked for pH:
14. Are matrices correctly identified on Chain of Custody?	Yes ✔	No	(<2 or >12 unless noted)
15. Is it clear what analyses were requested?	Yes ✔	No	Adjusted?
16. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ✔	No	Checked by:

MJ 11/08

Special Handling (if applicable)

17. 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:

18. Additional remarks:

19. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			