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2010 GWMR

01 / 11 / 2010

Animas Environmental Services, LLC

624 E. Comanche . Farmington, NM 87401 . TEL 505-564-2281 . FAX 505-324-2022 . www.animasenvironmental.com

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

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

Remedial Activities Report
Sammons #2 Pipeline 2009 Spill

Williams Four Corners, LLC
SE¼ NE¼ of Sect. 32, T30N, R12W
Flora Vista, San Juan County, New Mexico

January 11, 2010

Prepared on behalf of:
Williams Four Corners, LLC
188 CR 4900
Bloomfield, NM 87413

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

Animas Environmental Services, LLC

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January 11, 2010

Mr. Aaron Dailey
Williams Four Corners, LLC
188 CR 4900
Bloomfield, NM 87413

RE: Sammons #2 Pipeline Remedial Activities Report

Dear Mr. Dailey:

Animas Environmental Services, LLC (AES) is pleased to submit one original and two copies of the enclosed Remedial Activities Report for the above referenced property. The two copies have been prepared on your behalf for Williams to submit to the New Mexico Oil Conservation Division.

If you have any questions regarding AES' qualifications or the contents of this report, please do not hesitate to contact Ross Kennemer or Tami Ross at (505) 564-2281.

Sincerely,

Tami C. Ross
Project Manager

Enclosure: Remedial Activities Report

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1.0 Introduction

Animas Environmental Services, LLC (AES), on behalf of Williams Four Corners, LLC (Williams), has prepared this Remedial Activities Report for Williams' Sammon #2 Pipeline spill, which was discovered during pipeline replacement during the first week of December 2009.

Remedial activities were completed between December 7 and 17, 2009, and the scope of work included excavation of approximately 1,884 cubic yards of petroleum contaminated soil (PCS) and removal of 1,122 barrels (bbls) of petroleum contaminated groundwater.

2.0 Site Information

2.1 Site Location

The general project area is located in a rural area approximately 0.1 mile east of County Road 3000 on private property owned by the Ms. Helen Clark. The spill location is located approximately 140 feet southeast of a wetland area that is adjacent to the Animas River. The project area is described legally as being located within the SE¼ NE¼ Section 32, T30N, R12W in San Juan County, New Mexico. Longitude and latitude were recorded as being N36º46'18.240" and W108º06'54.540". A topographic site location map is included as Figure 1, and a Site Vicinity Map is presented as Figure 2.

2.2 Spill History

On December 3, 2009, trenching operations during routine pipeline replacement activities uncovered petroleum hydrocarbon contaminated soils. Williams was in the process of replacing an in-service 2-inch diameter natural gas pipeline with a new 4-inch diameter natural gas pipeline. The pipeline connects the Sammons 2 well locations, which are owned by Conoco Phillips. The volume of natural gas condensate released into the surrounding environment and the length of time that the 2-inch diameter pipeline was leaking are unknown.

The New Mexico Oil Conservation Division (NMOCD) was notified of the discovered release by Williams on December 3, 2009. Mr. Brandon Powell of NMOCD visited the site the afternoon of December 3, 2009. A verbal workplan was agreed upon by Williams and NMOCD to excavate the source area, since it was evident that groundwater had been impacted. Average depth to groundwater at the site is approximately 2 feet below ground surface (bgs).

2.3 Geology

San Juan County, New Mexico, is located in the San Juan Basin, which is a large, structural depression encompassing approximately 22,000 square miles and contains deep Tertiary fill resting on rocks of Late Cretaceous age. The lithology consists primarily of the Mesa Verde Formation, composed primarily of sandstones. The topography is broad and mostly flat, surrounded by mountains and deep canyons. Major rivers carved deep canyons and mesas, and physical erosion from wind and water chipped and polished the exposed rocks in the canyons.

The local site geology consists of Animas River alluvium, including clay to coarse sands, from the surface to approximately 3.5 feet bgs. River cobbles were encountered at approximately 3.5 feet bgs.

2.4 Hydrogeology

The Sammons #2 Pipeline is within the Animas River flood plain and located approximately 140 feet southeast of a wetland area adjacent to the Animas River. Based on measurements from the excavation area, groundwater underlying the spill site is approximately 2 feet bgs.

2.5 Sensitive Receptors

The project area is located in a rural area south of the Animas River, but the general area is still within the more densely populated areas of San Juan County (i.e. Farmington, Aztec, and Bloomfield). There are no known schools, day care centers, nursing homes or senior centers within the immediate vicinity.

3.0 Remedial Activities

AES personnel provided excavation oversight between December 7 and 17, 2009. Site visits from Williams personnel and NMOCD were conducted on a daily basis throughout the project timeline. Excavation work was conducted by a subcontractor hired by Williams Four Corners, LLC. Photographic documentation is included in Appendix A.

3.1 Excavation Activities

On December 7, 2009, AES personnel mobilized to the spill site for an initial assessment. Soil borings were hand augered on the south side of the pipeline in order to determine the horizontal extent of the soil contamination. AES provided excavation oversight and utilized field-screening techniques with a photo-ionization detector (PID) organic vapor meter (OVM). The south side excavation has been labeled as Excavation Part A, and the north side excavation has been designated Part B. The extent of excavation and PID

sample locations are included on Figure 3, and PID sample results are presented in Table 1.

On December 9, 2009, AES returned to the site to hand auger eight soil borings on the north side of the pipeline in order to determine potential horizontal extents of soil contamination. The approximate area of the Part A excavation was 100 feet long and 40 feet (average) wide. The depth of the excavation was approximately 3 to 3.5 feet bgs across the area, which included approximately 1 to 2 feet of saturated soil (depth to groundwater was at 2 feet bgs). The excavation of Part A was completed on December 9, 2009.

Excavation of the north side of the pipeline (Part B) was completed between December 9 and 17, 2009. The excavation measured approximately 160 feet in length, 75 feet in width, and 3 to 3.5 feet bgs. Part B excavation activities were monitored using field-screening heated headspace analysis with a PID-OVM. Numerous PID-OVM samples were collected during the excavation of Part B in order to determine the horizontal extent of the soil contamination, utilizing an action level of 50 parts per million (ppm) volatile organic concentrations (VOCs). The excavated area Part B is illustrated on Figure 3.

Confirmation soil samples were collected from across the entire excavation (Part A and B) for laboratory analyses, and soil sample locations are illustrated on Figure 3. Soil sample results are summarized in Table 1.

3.4 Field and Laboratory Analyses

Excavated soils were field-screened with a PID-OVM, and field screening followed AES' Standard Operating Procedure (SOP) for heated headspace analysis. A total of 29 samples were collected for field-screening throughout the remedial excavation.

A total of nine soil samples were collected for confirmation laboratory analysis for benzene, toluene, ethylbenzene, and xylene (BTEX) per Method 8021B and for total petroleum hydrocarbons (TPH) gasoline range (GRO), diesel range (DRO) and motor oil (MRO) per EPA Method 8015B. Samples collected for laboratory analysis were shipped to Hall Environmental Analytical Laboratory (Hall) in Albuquerque, New Mexico, in chilled insulated coolers at less than 6°C.

All soil confirmation samples collected from the excavation perimeter (Part A and B) showed reported contaminant concentrations of concern to be below NMOCD action levels. Laboratory analytical data have been summarized and are presented in Table 1, and laboratory analytical reports are included in Appendix B.

3.5 Soil Disposal

A total of 1,884 cubic yards of PCS was transported off-site for disposal at Industrial Ecosystems (IEI), located on Crouch Mesa, Farmington, New Mexico. IEI is a NMOCD permitted landfarm, and soil transport and disposal manifests are available upon request.

3.6 Groundwater Conditions and Dewatering

Upon the initial discovery of the contaminated soil, a William's representative collected a grab sample of groundwater in the vicinity of Excavation Part A. The groundwater sample was analyzed at Envirotech Analytical Laboratory, Farmington, New Mexico, for TPH per USEPA Method 8015. DRO concentrations in the groundwater sample were reported at 0.7 mg/L, and GRO concentrations were reported at 39.2 mg/L.

During excavation activities it was visibly evident that groundwater had been impacted at the source area, and free product was present in numerous areas within the excavation limits. Prior to backfilling the excavated areas, contaminated groundwater was removed to aid in proper compaction for the backfill. Approximately 1,122 bbls of water were removed and transported by Williams' subcontractor for disposal at IEI. Contaminated groundwater transport and disposal manifests are available upon request.

4.0 Conclusions

Based on the soil confirmation laboratory analytical results, AES has determined that the source area (soils) of the spill was successfully removed with regard to horizontal extents only. Because of groundwater analytical results and the observed presence of free product on the surface of the groundwater, AES recommends further groundwater investigation and remediation of the spill area.

According to NMOCD's Guidelines for Remediation of Leaks, Spills, and Releases (1993), groundwater is considered contaminated if it contains free phase products, dissolved phase volatile organic constituents or other dissolved constituents in excess of the natural background water quality. Groundwater contaminated in excess of the Water Quality Control Commission (WQCC) groundwater standards or natural background water quality will require remediation. Note that although the WQCC does not currently have a standard for TPH concentrations in groundwater, NMOCD guidelines require the impacted groundwater be remediated because free product was observed on the groundwater surface.

AES will provide a workplan to Williams Four Corners LLC and NMOCD for the groundwater investigation and remediation.

5.0 Certification

I, the undersigned, am personally familiar with the information submitted in this Remedial Activities Report, prepared regarding a petroleum product release from the Williams Sammons #2 pipeline. This report was prepared on behalf of the responsible party. I attest that it is true and complete to the best of my knowledge.

Prepared By:

Tami C. Ross

Tami C. Ross, CHMM
Project Manager

Reviewed By:

Ross Kennemer
Principal

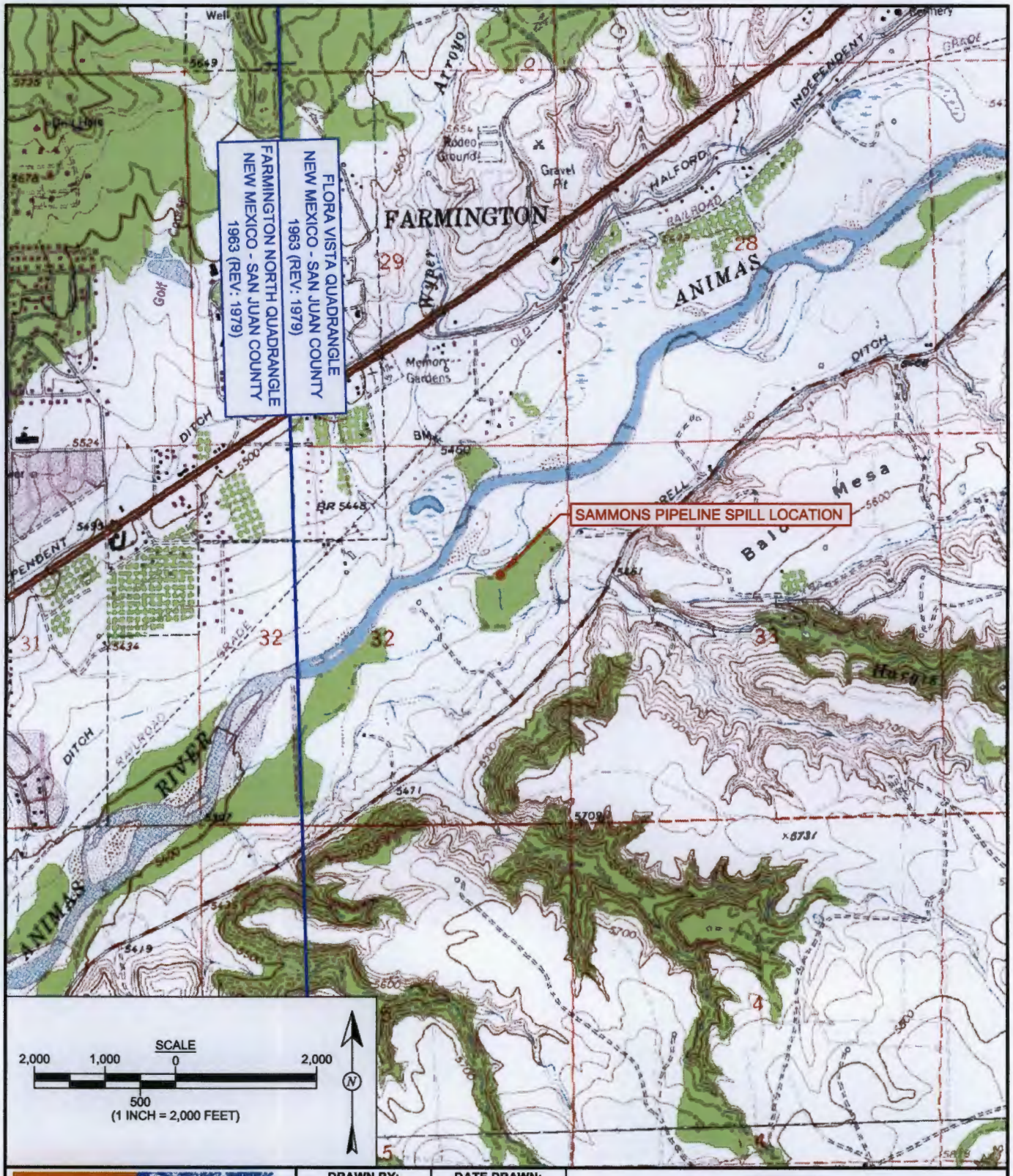
6.0 References

New Mexico Oil Conservation Division. Guidelines for Remediation of Leaks, Spills and Releases. August 13, 1993. New Mexico Oil Conservation Division 1220 S. St. Francis, Dr. Santa Fe, New Mexico 87505.

TABLE 1
SUMMARY OF FIELD-SCREENING AND LABORATORY ANALYTICAL RESULTS
Williams Sammons #2 Pipeline Spill Remediation
Flora Vista, New Mexico

Sample ID	*Date Sampled*	*Depth (ft)*	*Analytical Method*	*PID Result*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Xylene*	*BTEX*	*GRO (C6-C10)*	*DRO (C10-C22)*	*MRO (C22-C32)*	*TPH*
				(ppm)	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*	*(mg/kg)*
NMOCD Action Level					*10*				*50*				*100*
1-Background	7-Dec-09	2'	8015B/8021B	3,709	**15**	160	23	180	**378**	6,700	75	70	**6,845**
2-South Bank @ 2'	8-Dec-09	2'	8015B/8021B	35.8	<0.050	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50
3-West Bank @ 2.5'	8-Dec-09	2.5'	8015B/8021B	16.5	<0.050	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50
SB-1	9-Dec-09	2'	Field Screen	3500	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-2	9-Dec-09	2'	Field Screen	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-3	9-Dec-09	2'	Field Screen	2632	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-4	9-Dec-09	2'	Field Screen	1439	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-5	9-Dec-09	2'	Field Screen	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-6	9-Dec-09	2'	Field Screen	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-7	9-Dec-09	2'	Field Screen	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-8	9-Dec-09	2'	Field Screen	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-East Wall Trench #2	10-Dec-09	3'	8015B/8021B	8.3	<0.050	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50
5-SW Crn Trench #3	16-Dec-09	3'	8015B/8021B	3.5	<0.050	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50
6-NW Crn Trench #3	16-Dec-09	3'	8015B/8021B	0.9	<0.050	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50
7-NE Wall Trench #3	17-Dec-09	3'	8015B/8021B	24.5	0.21	<0.050	<0.050	0.26	0.47	<5.0	<10	<50	<50
8-N-Mid Trench #3	17-Dec-09	3'	8015B/8021B	23.9	<0.050	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50
9-NW Wall Trench #4	17-Dec-09	3'	8015B/8021B	9.2	0.085	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<50

NOTES NE = Not Established
NA = Not Analyzed

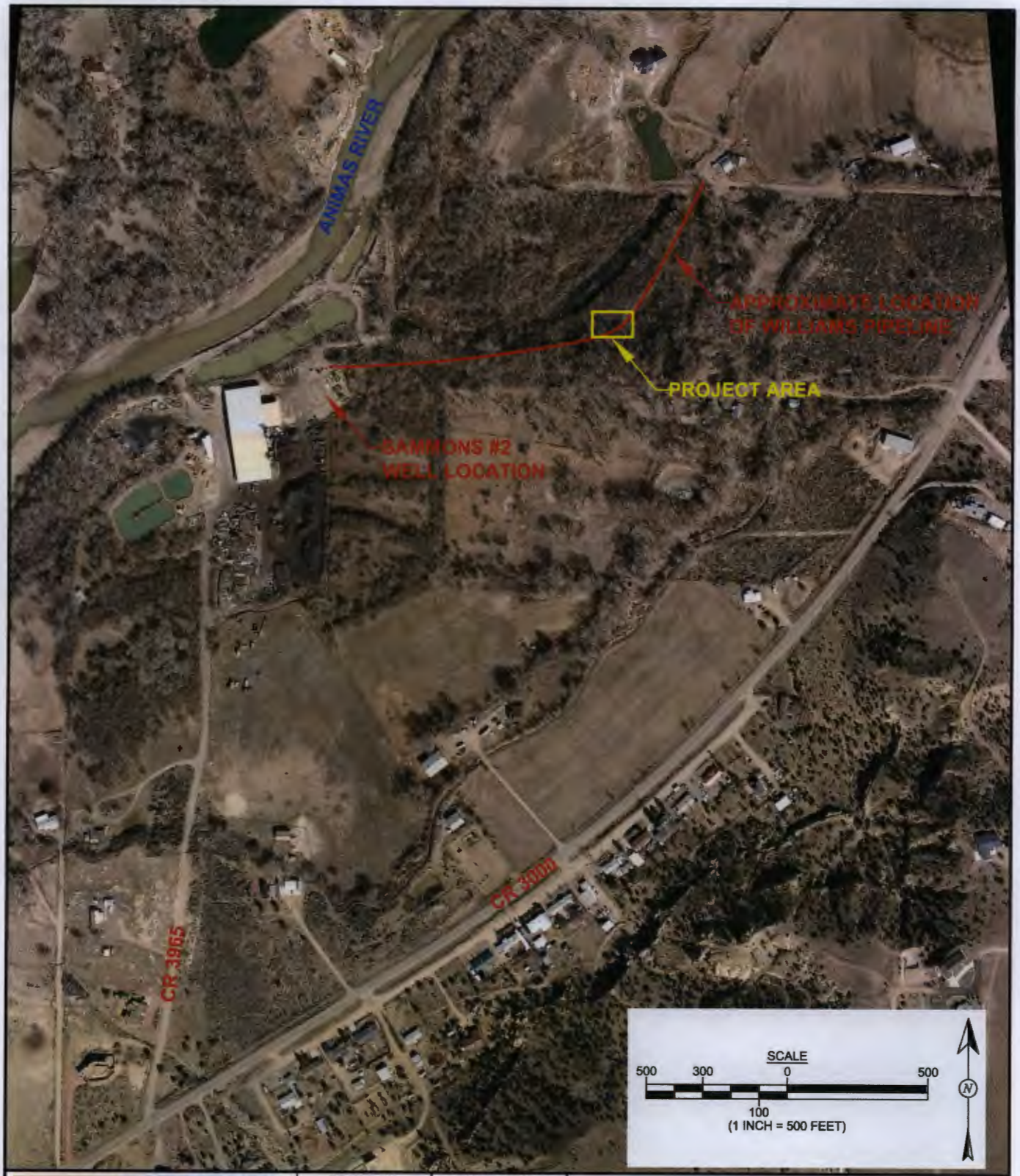


DRAWN BY: N. Willis	DATE DRAWN: December 22, 2009
REVISIONS BY: C. Lameman	DATE REVISED: January 5, 2010
CHECKED BY: R. Kennemer	DATE CHECKED: January 11, 2010
APPROVED BY: T. Ross	DATE APPROVED: January 11, 2010

Animas Environmental Services, LLC

FIGURE 1
TOPOGRAPHIC SITE LOCATION MAP
WILLIAMS FOUR CORNERS, LLC
SAMMONS #2 PIPELINE SPILL
COUNTY ROAD 3000
SE ¼ NE ¼, SEC. 32, T30N, R12W
FARMINGTON, SAN JUAN COUNTY, NEW MEXICO
N 36° 46' 18.240", W 108° 06' 54.540"

S:\ANIMAS 2000\2010 PROJECTS\WILLIAMS PRODUCTION\SAMMONS #2 PIPELINE SPILL\MAPS AND DRAWINGS\FIGURE 1 TOPOGRAPHIC SITE LOCATION MAP

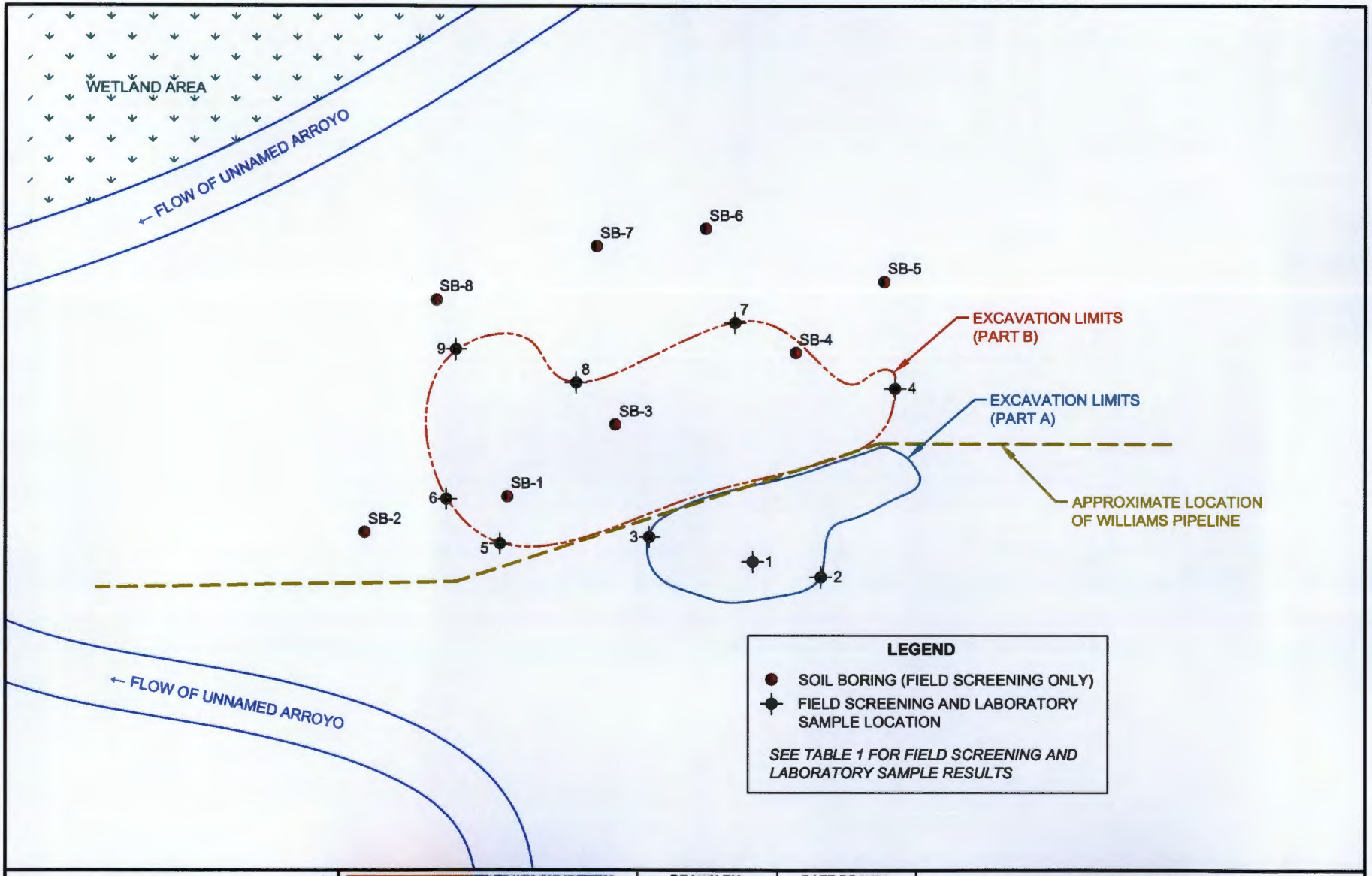


Animas Environmental Services, LLC

DRAWN BY: N. Willis	DATE DRAWN: December 22, 2009
REVISIONS BY: N. Willis	DATE REVISED: December 22, 2009
CHECKED BY: R. Kennemer	DATE CHECKED: January 11, 2010
APPROVED BY: T. Ross	DATE APPROVED: January 11, 2009

FIGURE 2
SITE VICINITY MAP
WILLIAMS FOUR CORNERS, LLC
SAMMONS #2 PIPELINE SPILL
COUNTY ROAD 3000
FARMINGTON, SAN JUAN COUNTY, NEW MEXICO
N 36° 46' 18.240", W 108° 06' 54.540"

S:\ANIMAS 2000\2010 PROJECTS\WILLIAMS PRODUCTION\SAMMONS #2 PIPELINE SPILL\MAPS AND DRAWINGS\FIGURE 2 SITE VICINITY MAP



DRAWN BY: N. Willis	DATE DRAWN: December 31, 2009
REVISIONS BY: N. Willis	DATE REVISED: January 6, 2010
CHECKED BY: R. Kennemer	DATE CHECKED: January 11, 2010
APPROVED BY: T. Ross	DATE APPROVED: January 11, 2010

FIGURE 3
EXCAVATION LIMITS AND SOIL SAMPLE LOCATIONS
WILLIAMS FOUR CORNERS, LLC
SAMMONS #2 PIPELINE SPILL
COUNTY ROAD 3000
FARMINGTON, SAN JUAN COUNTY, NEW MEXICO
N 36° 46' 18.240", W 108° 06' 54.540"

S:\ANIMAS 2000\2010 PROJECTS\WILLIAMS PRODUCTION\SAMMONS #2 PIPELINE SPILL\MAPS AND DRAWINGS\FIGURE 3 GENERAL SITE PLAN

Williams Sammons #2 Remedial Activities
Site Photographs December 7-17, 2009

Photo 1: Location of Background soil sample.

Photo 2: Location of South Bank at 2' soil sample.

Williams Sammons #2 Remedial Activities
Site Photographs December 7-17, 2009

Photo 3: Location of West Bank at 2.5' soil sample (collected after stockpile removed).

Photo 4: Location of East Wall Trench #2 soil sample.

Williams Sammons #2 Remedial Activities
Site Photographs December 7-17, 2009

Photo 5: Location of SW Corner Trench #3 soil sample.

Photo 6: Location of NW Corner Trench #3 soil sample.

Williams Sammons #2 Remedial Activities
Site Photographs December 7-17, 2009

Photo 7: Soil sample location for NE Wall Trench #3.

Photo 8: Soil sample location for NW Wall Trench #4.

Williams Sammons #2 Remedial Activities
Site Photographs December 7-17, 2009

Photo 9: Location of soil sample N-Mid Trench #3.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, December 16, 2009

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

TEL: (505) 564-2281
FAX (505) 324-2022

RE: Samons Pipeline Spill

Order No.: 0912243

Dear Tami Ross:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 12/11/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

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

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	Background
Lab Order:	0912243	**Collection Date:**	12/7/2009 2:08:00 PM
Project:	Samons Pipeline Spill	**Date Received:**	12/11/2009
Lab ID:	0912243-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	75	10		mg/Kg	1	12/15/2009 5:48:49 PM
Motor Oil Range Organics (MRO)	70	50		mg/Kg	1	12/15/2009 5:48:49 PM
Surr: DNOP	85.8	61.7-135		%REC	1	12/15/2009 5:48:49 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	6700	500		mg/Kg	100	12/14/2009 3:32:16 PM
Surr: BFB	97.2	65.9-118		%REC	100	12/14/2009 3:32:16 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	10		mg/Kg	100	12/14/2009 3:32:16 PM
Benzene	15	5.0		mg/Kg	100	12/14/2009 3:32:16 PM
Toluene	160	5.0		mg/Kg	100	12/14/2009 3:32:16 PM
Ethylbenzene	23	5.0		mg/Kg	100	12/14/2009 3:32:16 PM
Xylenes, Total	180	10		mg/Kg	100	12/14/2009 3:32:16 PM
Surr: 4-Bromofluorobenzene	97.8	64.7-120		%REC	100	12/14/2009 3:32:16 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	South Bank @ 2'
Lab Order:	0912243	**Collection Date:**	12/8/2009 7:43:00 AM
Project:	Samons Pipeline Spill	**Date Received:**	12/11/2009
Lab ID:	0912243-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/15/2009 6:25:03 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/15/2009 6:25:03 PM
Surr: DNOP	87.6	61.7-135		%REC	1	12/15/2009 6:25:03 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/14/2009 4:02:38 PM
Surr: BFB	91.2	65.9-118		%REC	1	12/14/2009 4:02:38 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/14/2009 4:02:38 PM
Benzene	ND	0.050		mg/Kg	1	12/14/2009 4:02:38 PM
Toluene	ND	0.050		mg/Kg	1	12/14/2009 4:02:38 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/14/2009 4:02:38 PM
Xylenes, Total	ND	0.10		mg/Kg	1	12/14/2009 4:02:38 PM
Surr: 4-Bromofluorobenzene	97.1	64.7-120		%REC	1	12/14/2009 4:02:38 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	West Bank @ 2.5'
Lab Order:	0912243	**Collection Date:**	12/8/2009 8:00:00 AM
Project:	Samons Pipeline Spill	**Date Received:**	12/11/2009
Lab ID:	0912243-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/15/2009 7:01:01 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/15/2009 7:01:01 PM
Surr: DNOP	90.7	61.7-135		%REC	1	12/15/2009 7:01:01 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/14/2009 4:33:04 PM
Surr: BFB	86.2	65.9-118		%REC	1	12/14/2009 4:33:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/14/2009 4:33:04 PM
Benzene	ND	0.050		mg/Kg	1	12/14/2009 4:33:04 PM
Toluene	ND	0.050		mg/Kg	1	12/14/2009 4:33:04 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/14/2009 4:33:04 PM
Xylenes, Total	ND	0.10		mg/Kg	1	12/14/2009 4:33:04 PM
Surr: 4-Bromofluorobenzene	92.3	64.7-120		%REC	1	12/14/2009 4:33:04 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Samons Pipeline Spill **Work Order:** 0912243

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-20855		*MBLK*				Batch ID:	**20855**	Analysis Date:	12/15/2009 4:00:10 PM		
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-20855		*LCS*				Batch ID:	**20855**	Analysis Date:	12/15/2009 4:36:23 PM		
Diesel Range Organics (DRO)	39.07	mg/Kg	10	50	0	78.1	64.6	116			
Method: EPA Method 8015B: Gasoline Range											
Sample ID: MB-20850		*MBLK*				Batch ID:	**20850**	Analysis Date:	12/14/2009 8:05:35 PM		
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-20850		*LCS*				Batch ID:	**20850**	Analysis Date:	12/14/2009 6:03:55 PM		
Gasoline Range Organics (GRO)	28.20	mg/Kg	5.0	25	1.16	108	77.7	135			
Method: EPA Method 8021B: Volatiles											
Sample ID: MB-20850		*MBLK*				Batch ID:	**20850**	Analysis Date:	12/14/2009 8:05:35 PM		
Methyl tert-butyl ether (MTBE)	ND	mg/Kg	0.10								
Benzene	ND	mg/Kg	0.050								
Toluene	ND	mg/Kg	0.050								
Ethylbenzene	ND	mg/Kg	0.050								
Xylenes, Total	ND	mg/Kg	0.10								
Sample ID: LCS-20850		*LCS*				Batch ID:	**20850**	Analysis Date:	12/14/2009 7:35:11 PM		
Methyl tert-butyl ether (MTBE)	1.094	mg/Kg	0.10	1	0	109	67.9	135			
Benzene	0.9396	mg/Kg	0.050	1	0.0186	92.1	78.8	132			
Toluene	0.8995	mg/Kg	0.050	1	0.0081	89.1	78.9	112			
Ethylbenzene	1.006	mg/Kg	0.050	1	0	101	69.3	125			
Xylenes, Total	3.073	mg/Kg	0.10	3	0	102	73	128			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name **ANIMAS ENVIRONMENTAL** Date Received: **12/11/2009**

Work Order Number **0912243** Received by: **TLS**

Checklist completed by: _____ 12/11/09 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**6.5°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Animas Environmental

Mailing Address: 624 E. Comanche
Farmington, NM 87401

Phone #: (505) 564-2281

email or Fax#: tross@animasenvironmental.com

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Samons Pipline Spill

Project #: Williams Production

Project Manager: Tami Ross

Sampler: tcr

On Ice: ☒ Yes ☐ No

Sample Temperature: 0.5

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0912248	BTEX + ~~MTBE + TMB's~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
12/7/09	1405	SOIL	BACKGROUND	4oz	ice	1	✓		✓													
12/8/09	743	SOIL	SOUTH BANK @ 2'	4oz	ice	2	✓		✓													
12/8/09	800	SOIL	WEST BANK @ 2.5'	4oz	ice	3	✓		✓													

Date:	Time:	Relinquished by:	Received by:	Date	Time
				12/11/09	727
Date: 12/8/09	Time: 1315	Relinquished by: Tami Ross	Received by:	Date	Time

Remarks:

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

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, December 30, 2009

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

TEL: (505) 564-2281
FAX (505) 324-2022

RE: Samons #2

Order No.: 0912417

Dear Tami Ross:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 12/18/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

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

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	East Wall #2 Trench
Lab Order:	0912417	**Collection Date:**	12/10/2009 8:30:00 AM
Project:	Samons #2	**Date Received:**	12/18/2009
Lab ID:	0912417-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/22/2009 4:10:00 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/22/2009 4:10:00 PM
Surr: DNOP	96.1	61.7-135		%REC	1	12/22/2009 4:10:00 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/23/2009 12:01:55 AM
Surr: BFB	91.0	65.9-118		%REC	1	12/23/2009 12:01:55 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	12/23/2009 12:01:55 AM
Toluene	ND	0.050		mg/Kg	1	12/23/2009 12:01:55 AM
Ethylbenzene	ND	0.050		mg/Kg	1	12/23/2009 12:01:55 AM
Xylenes, Total	ND	0.10		mg/Kg	1	12/23/2009 12:01:55 AM
Surr: 4-Bromofluorobenzene	96.7	64.7-120		%REC	1	12/23/2009 12:01:55 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	SW CRN Trench #3
Lab Order:	0912417	**Collection Date:**	12/16/2009 8:35:00 AM
Project:	Samons #2	**Date Received:**	12/18/2009
Lab ID:	0912417-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/22/2009 4:46:30 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/22/2009 4:46:30 PM
Surr: DNOP	94.9	61.7-135		%REC	1	12/22/2009 4:46:30 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2009 9:13:03 PM
Surr: BFB	88.3	65.9-118		%REC	1	12/24/2009 9:13:03 PM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	ND	0.050		mg/Kg	1	12/24/2009 9:13:03 PM
Toluene	ND	0.050		mg/Kg	1	12/24/2009 9:13:03 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2009 9:13:03 PM
Xylenes, Total	ND	0.10		mg/Kg	1	12/24/2009 9:13:03 PM
Surr: 4-Bromofluorobenzene	94.9	64.7-120		%REC	1	12/24/2009 9:13:03 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	NW CRN Trench #3
Lab Order:	0912417	**Collection Date:**	12/16/2009 8:40:00 AM
Project:	Samons #2	**Date Received:**	12/18/2009
Lab ID:	0912417-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						**Analyst: SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/22/2009 5:22:45 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/22/2009 5:22:45 PM
Surr: DNOP	93.7	61.7-135		%REC	1	12/22/2009 5:22:45 PM
EPA METHOD 8015B: GASOLINE RANGE						**Analyst: DAM**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2009 9:43:17 PM
Surr: BFB	95.5	65.9-118		%REC	1	12/24/2009 9:43:17 PM
EPA METHOD 8021B: VOLATILES						**Analyst: DAM**
Benzene	ND	0.050		mg/Kg	1	12/24/2009 9:43:17 PM
Toluene	ND	0.050		mg/Kg	1	12/24/2009 9:43:17 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2009 9:43:17 PM
Xylenes, Total	ND	0.10		mg/Kg	1	12/24/2009 9:43:17 PM
Surr: 4-Bromofluorobenzene	104	64.7-120		%REC	1	12/24/2009 9:43:17 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	NE Wall Trench #3
Lab Order:	0912417	**Collection Date:**	12/17/2009 8:35:00 AM
Project:	Samons #2	**Date Received:**	12/18/2009
Lab ID:	0912417-04	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/22/2009 5:59:30 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/22/2009 5:59:30 PM
Surr: DNOP	96.5	61.7-135		%REC	1	12/22/2009 5:59:30 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2009 10:13:37 PM
Surr: BFB	87.1	65.9-118		%REC	1	12/24/2009 10:13:37 PM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	0.21	0.050		mg/Kg	1	12/24/2009 10:13:37 PM
Toluene	ND	0.050		mg/Kg	1	12/24/2009 10:13:37 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2009 10:13:37 PM
Xylenes, Total	0.26	0.10		mg/Kg	1	12/24/2009 10:13:37 PM
Surr: 4-Bromofluorobenzene	94.1	64.7-120		%REC	1	12/24/2009 10:13:37 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	N-MID Trench #3
Lab Order:	0912417	**Collection Date:**	12/17/2009 8:35:00 AM
Project:	Samons #2	**Date Received:**	12/18/2009
Lab ID:	0912417-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/22/2009 6:36:00 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/22/2009 6:36:00 PM
Surr: DNOP	96.7	61.7-135		%REC	1	12/22/2009 6:36:00 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2009 10:44:02 PM
Surr: BFB	86.8	65.9-118		%REC	1	12/24/2009 10:44:02 PM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	ND	0.050		mg/Kg	1	12/24/2009 10:44:02 PM
Toluene	ND	0.050		mg/Kg	1	12/24/2009 10:44:02 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2009 10:44:02 PM
Xylenes, Total	ND	0.10		mg/Kg	1	12/24/2009 10:44:02 PM
Surr: 4-Bromofluorobenzene	93.4	64.7-120		%REC	1	12/24/2009 10:44:02 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Dec-09*

CLIENT:	Animas Environmental Services	**Client Sample ID:**	NW Wall Trench #4
Lab Order:	0912417	**Collection Date:**	12/17/2009 12:20:00 PM
Project:	Samons #2	**Date Received:**	12/18/2009
Lab ID:	0912417-06	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/22/2009 7:11:58 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/22/2009 7:11:58 PM
Surr: DNOP	104	61.7-135		%REC	1	12/22/2009 7:11:58 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2009 11:14:10 PM
Surr: BFB	91.1	65.9-118		%REC	1	12/24/2009 11:14:10 PM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	0.085	0.050		mg/Kg	1	12/24/2009 11:14:10 PM
Toluene	ND	0.050		mg/Kg	1	12/24/2009 11:14:10 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2009 11:14:10 PM
Xylenes, Total	ND	0.10		mg/Kg	1	12/24/2009 11:14:10 PM
Surr: 4-Bromofluorobenzene	99.2	64.7-120		%REC	1	12/24/2009 11:14:10 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Samons #2 **Work Order:** 0912417

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-20929		*MBLK*				Batch ID:	**20929**	Analysis Date:	12/22/2009 1:43:34 PM		
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-20929		*LCS*				Batch ID:	**20929**	Analysis Date:	12/22/2009 2:57:04 PM		
Diesel Range Organics (DRO)	48.34	mg/Kg	10	50	0	96.7	64.6	116			
Method: EPA Method 8015B: Gasoline Range											
Sample ID: MB-20920		*MBLK*				Batch ID:	**20920**	Analysis Date:	12/22/2009 3:20:36 PM		
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: LCS-20920		*LCS*				Batch ID:	**20920**	Analysis Date:	12/22/2009 2:51:48 PM		
Gasoline Range Organics (GRO)	27.63	mg/Kg	5.0	25	0.35	109	77.7	135			
Method: EPA Method 8021B: Volatiles											
Sample ID: MB-20920		*MBLK*				Batch ID:	**20920**	Analysis Date:	12/22/2009 7:26:42 PM		
Benzene	ND	mg/Kg	0.050								
Toluene	ND	mg/Kg	0.050								
Ethylbenzene	ND	mg/Kg	0.050								
Xylenes, Total	ND	mg/Kg	0.10								
Sample ID: LCS-20920		*LCS*				Batch ID:	**20920**	Analysis Date:	12/22/2009 5:25:11 PM		
Benzene	0.8998	mg/Kg	0.050	1	0.0122	88.8	78.8	132			
Toluene	0.8708	mg/Kg	0.050	1	0	87.1	78.9	112			
Ethylbenzene	0.9224	mg/Kg	0.050	1	0	92.2	69.3	125			
Xylenes, Total	2.813	mg/Kg	0.10	3	0	93.8	73	128			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name **ANIMAS ENVIRONMENTAL** Date Received: **12/18/2009**

Work Order Number **0912417** Received by: **TLS**

Checklist completed by: _____ 12/18/09 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace? No VOA vials submitted ☑		Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**2.9°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: ANIMAS

Mailing Address: 624 E Comanche
Farmington NM 87401

Phone #: 505-564-2281

email or Fax#: tross@animasenvironmental.com

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

Accreditation
☐ NELAP ☐ Other ______

☐ EDD (Type) ______

Turn-Around Time:
☒ Standard ☐ Rush ______

Project Name: Samons #2

Project #: WILLIAMS

Project Manager: Tami Ross

Sampler: TCR

On Ice: Yes No [illegible]

Sample Temperature: [illegible]

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + ~~MTBE + TMB's~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
12/10/09	830	SOIL	EAST WALL #2 Trench	4oz		1	✓		✓													
12/16/09	835	SOIL	SW CRN Trench #3	4oz		2	✓		✓													
12/16/09	840	SOIL	NW CRN Trench #3	4oz		3	✓		✓													
12/17/09	835	SOIL	NE WALL Trench #3	4oz		4	✓		✓													
12/17/09	835	SOIL	N-MID Trench #3	4oz		5	✓		✓													
12/17/09	1220	SOIL	NW WALL Trench #4	4oz		6	✓		✓													

Date	Time	Relinquished by	Received by	Date	Time
12/17/09	1323	Tami Ross	Debrah Watson	12/17/09	1323
12/17/09	1635	Debrah Watson	[signature]	12/18/09	1010

Remarks:

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