

3R – 448

2008 GWMR

10 / 29 / 2008

October 29, 2008

Wayne Price
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Periodic Progress Report for the Benson-Montin-Greer Highway 537 Llaves Pipeline 2008 Oil Spill, Rio Arriba County, New Mexico

Dear Mr. Price:

Animas Environmental Services, LLC (AES) conducted groundwater sampling of monitoring wells on behalf of Benson-Montin-Greer Drilling Corporation (BMG) at the BMG Highway 537 Llaves Pipeline 2008 Spill Location on September 24, 2008. This sampling was conducted in accordance with recommendations presented in the Site Investigation Report prepared by AES and submitted on June 23, 2008.

The spill originated on the Schmitz Ranch, on the south side of Highway 537, within the NW¼ NE¼ of Section 18, T25N, R3W (latitude and longitude recorded as N36° 24' 214" and W107° 11' 053") and flowed south and southwest through a small unnamed arroyo for a distance of approximately 920 linear feet. A map of the spill investigation area is presented as Figure 2.

1.0 Spill History

On December 31, 2007, a Western Refining truck driver discovered the Llaves pipeline leak and immediately contacted BMG. BMG personnel arrived on-site at about 1630 on the same day and confirmed the leak. BMG shut down the Llaves pipeline pumps and closed a block valve located about one mile upstream. BMG personnel also constructed a small earthen dam across the arroyo to prevent any further surface migration of the oil. BMG contracted with TNT Excavating to remove the oil that had pooled along the surface of the small arroyo. Approximately 40 barrels (bbls) of oil were recovered and placed in storage tanks at the BMG Hwy 537 Transfer Station. A total of 3,932 cubic yards of contaminated soils were excavated and transported to the TNT Landfarm facility for disposal.

On January 9, 2008, the Llaves pipeline was repaired, and AES inspected the site as part of preparation of the Sampling and Analysis Plan, which was submitted to NMOCD on January 23, 2008. BMG notified the National Response Center of the spill on January 23, 2008, and the release was given an identification number of 860429.

2.0 Groundwater Monitoring and Sampling

AES personnel conducted groundwater monitoring and sampling at the project area on September 24, 2008. Groundwater samples were laboratory analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX) and total petroleum hydrocarbons (TPH) per EPA Methods 8021/8015 at Hall Environmental Analysis Laboratory (Hall), Albuquerque, New Mexico.

2.1 Groundwater Measurements and Water Quality Data

During the September 2008 sampling event, groundwater measurements and water quality data were recorded for MW-1 through MW-4 and MW-6 through MW-9. Water quality data for MW-5 was not recorded because of a low yield in this well. Groundwater elevations were measured with a Keck water level (with an accuracy to 0.01 foot) and found to range from 29.61 feet below ground surface (bgs) in MW-2 down to 38.16 feet bgs in MW-7.

Water quality measurements were made with a YSI Water Quality Meter. Temperature ranged from 13.70°C in MW-4 to 15.32°C in MW-1, and pH ranged from 6.80 to 7.08. Dissolved oxygen concentrations ranged between 2.75 mg/L in MW-2 and 6.11 mg/L in MW-7; oxidation reduction potential (ORP) ranged from -9.6 mV to 50.3 mV; and conductivity was between 1.464 mS and 3.588 mS. Depth to groundwater measurements and water quality data are summarized and present in Table 1. Water Sample Collection Forms are included as Appendix A.

2.2 Groundwater Analytical Results

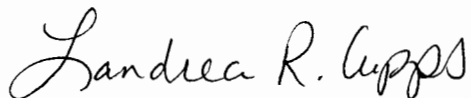
Groundwater samples were collected from MW-1 through MW-4 and MW-6 through MW-9 for laboratory analysis. Benzene concentrations were above the applicable New Mexico Water Quality Control Commission (WQCC) standard of 10 µg/L in MW-8 (65 µg/L) and MW-9 (17 µg/L). Benzene concentrations were below laboratory detection limits, and therefore well below applicable New Mexico Water Quality Control Commission (WQCC) standards, for each of the other wells sampled. Toluene, ethylbenzene, and xylene concentrations were below applicable WQCC standards in each of the wells sampled. Gasoline range organics (GRO) concentrations were above the laboratory detection limit in MW-7 (0.069 mg/L), MW-8 (0.90 mg/L), and MW-9 (0.32 mg/L). Diesel and motor oil range organics concentrations were below laboratory detection limits in each of the wells sampled.

Tabulated laboratory analytical results are included in Table 2, and laboratory analytical reports are presented in Appendix B.

3.0 Conclusions and Recommendations

AES recommends remediation of site soils in the vicinity of the excavation via mechanical high vacuum extraction of soil vapors and contaminated groundwater. A corrective action plan (CAP) outlining proposed remedial efforts at the site will be prepared and submitted to NMOCD by December 15, 2008.

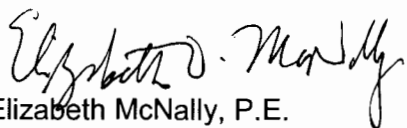
If you have any questions about site conditions or this report, please feel free to contact Elizabeth McNally or Ross Kennemer at (505) 564-2281.



Lany Cupps
Project Manager



Ross Kennemer
Environmental Scientist
Senior Project Manager



Elizabeth McNally, P.E.

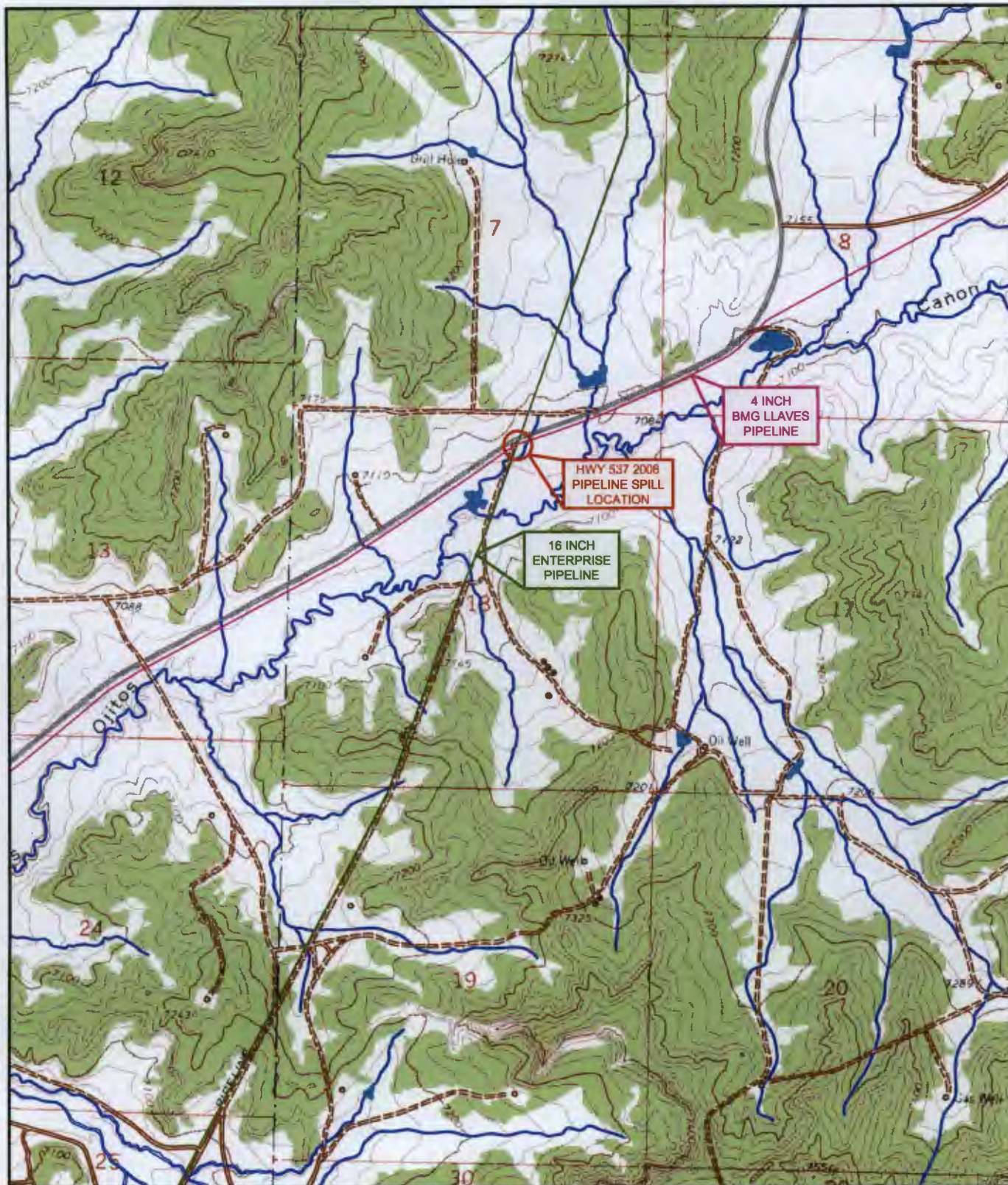
Attachment: Figure 1. Topographical Site Location Map
 Figure 2. Site Plan with Laboratory Analytical Results
 Table 1. Summary of Groundwater Measurement Data
 Table 2. Summary of Groundwater Analytical Results
 Appendix A. Water Sample Collection Forms
 Appendix B. Laboratory Analytical Reports

Cc: Brandon Powell
 New Mexico Oil Conservation Division
 1000 Rio Brazos Rd.
 Aztec, NM 87410

Craig Schmitz
#70 CR 405
Lindrith, NM 87029

Private Landowner
C/O Mike Dimond
Benson-Montin-Greer Drilling Corp.

Mike Dimond
Benson-Montin-Greer Drilling Corp.
4900 College Blvd
Farmington NM 87402



AES



Animas Environmental Services, LLC

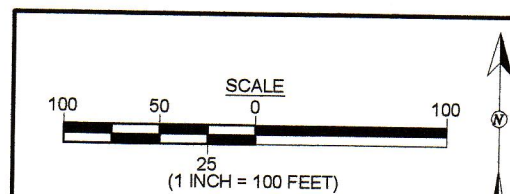
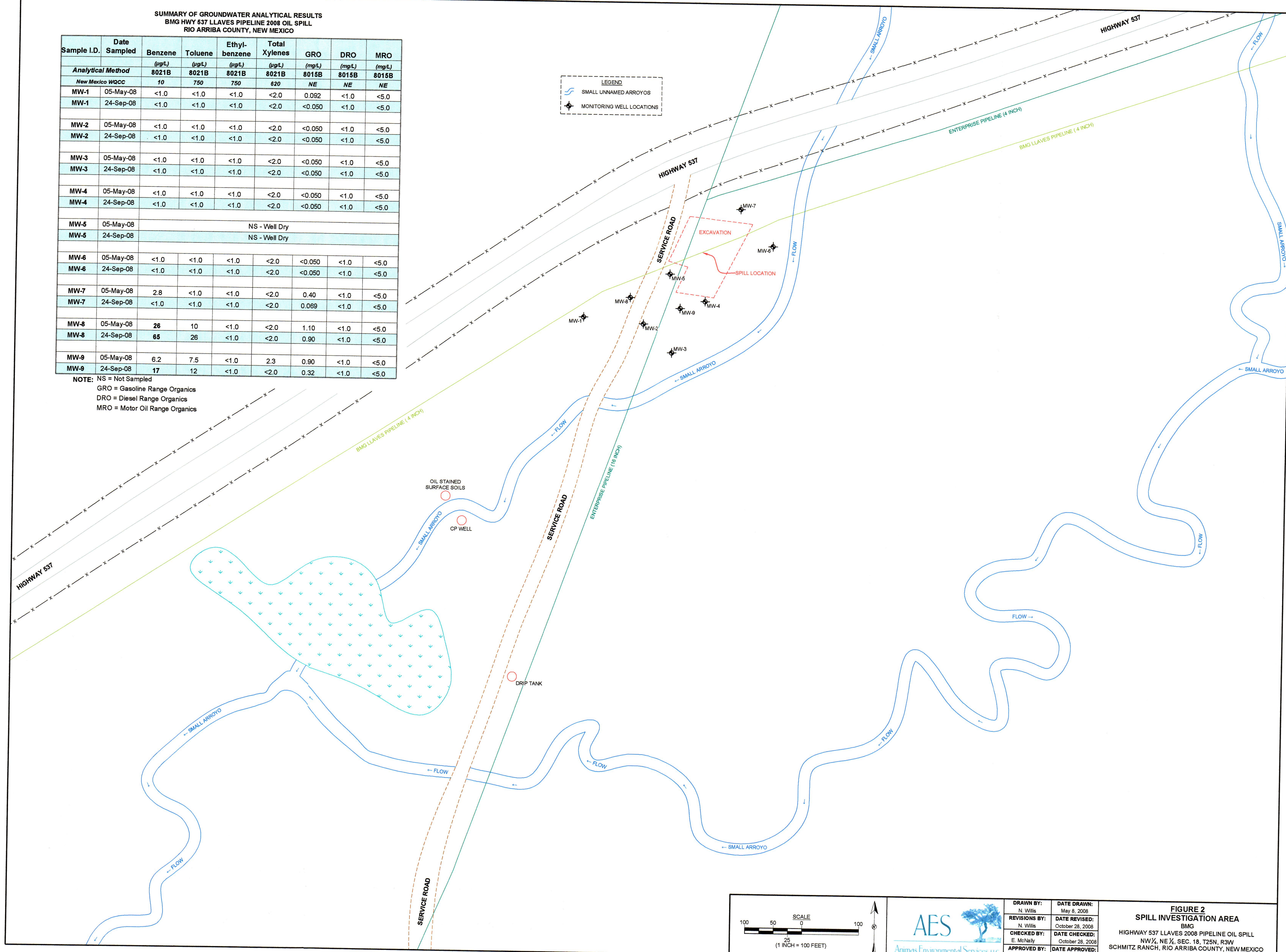
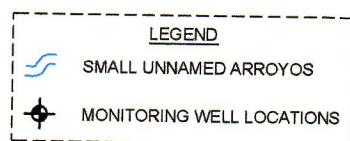
DRAWN BY: Ross Kennemer	DATE DRAWN: January 21, 2008
REVISIONS BY: Nathan Willis	DATE REVISED: October 28, 2008
CHECKED BY: E. McNally	DATE CHECKED: October 28, 2008
APPROVED BY: E. McNally	DATE APPROVED: October 28, 2008

FIGURE 1
TOPOGRAPHICAL SITE LOCATION MAP
BMG
HIGHWAY 537 LLAVES 2008 PIPELINE OIL SPILL
NW ¼, NE ¼, SEC. 18, T25N, R3W
SCHMITZ RANCH, RIO ARriba COUNTY, NEW MEXICO
N36°24'214", W107°11'053"

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
BMG HWY 537 LLAVES PIPELINE 2008 OIL SPILL
RIO ARRIBA COUNTY, NEW MEXICO

Sample I.D.	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	GRO (mg/L)	DRO (mg/L)	MRO (mg/L)
Analytical Method		8021B	8021B	8021B	8021B	8015B	8015B	8015B
		10	750	750	620	NE	NE	NE
MW-1	05-May-08	<1.0	<1.0	<1.0	<2.0	0.092	<1.0	<5.0
MW-1	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-3	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-3	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	05-May-08	NS - Well Dry						
MW-5	24-Sep-08	NS - Well Dry						
MW-6	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-6	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-7	05-May-08	2.8	<1.0	<1.0	<2.0	0.40	<1.0	<5.0
MW-7	24-Sep-08	<1.0	<1.0	<1.0	<2.0	0.069	<1.0	<5.0
MW-8	05-May-08	26	10	<1.0	<2.0	1.10	<1.0	<5.0
MW-8	24-Sep-08	65	26	<1.0	<2.0	0.90	<1.0	<5.0
MW-9	05-May-08	6.2	7.5	<1.0	2.3	0.90	<1.0	<5.0
MW-9	24-Sep-08	17	12	<1.0	<2.0	0.32	<1.0	<5.0

NOTE: NS = Not Sampled
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
MRO = Motor Oil Range Organics



DRAWN BY:	N. Willis	DATE DRAWN:	May 8, 2008
REVISIONS BY:	N. Willis	DATE REVISED:	October 28, 2008
CHECKED BY:	E. McNally	DATE CHECKED:	October 28, 2008
APPROVED BY:	E. McNally	DATE APPROVED:	October 28, 2008

FIGURE 2
SPILL INVESTIGATION AREA
BMG
HIGHWAY 537 LLAVES 2008 PIPELINE OIL SPILL
NW ¼, NE ¼, SEC. 18, T25N, R3W
SCHMITZ RANCH, RIO ARRIBA COUNTY, NEW MEXICO
N36°24'21" N, W107°11'05" W

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA
BMG HWY 537 LLAVES PIPELINE 2008 OIL SPILL
Rio Arriba County, New Mexico

Well ID	Date Sampled	Depth to Water (ft)	Surveyed TOC (ft)	GW Elev. (ft)	pH	Conductivity (mS)	DO (mg/L)	Temperature (C)	ORP (mV)
MW-1	05-May-08	31.45	TBS	NA	7.62	4.051	1.48	15.57	141.9
MW-1	24-Sep-08	31.91	TBS	NA	6.80	3.588	2.97	15.32	18.1
MW-2	05-May-08	29.01	TBS	NA	7.59	2.276	2.21	16.43	90.8
MW-2	24-Sep-08	29.61	TBS	NA	6.93	2.073	2.75	14.93	36.0
MW-3	05-May-08	29.49	TBS	NA	7.79	4.083	2.42	15.91	75.7
MW-3	24-Sep-08	30.07	TBS	NA	6.85	2.778	2.80	14.44	18.5
MW-4	05-May-08	32.74	TBS	NA	7.70	2.699	2.36	14.62	-37.5
MW-4	24-Sep-08	33.21	TBS	NA	6.98	2.163	3.04	13.70	42.9
MW-5	05-May-08		TBS	NA			NS - WELL DRY		
MW-5	24-Sep-08		TBS	NA			NS - WELL DRY		
MW-6	05-May-08	36.03	TBS	NA	7.73	1.764	2.43	13.95	87.3
MW-6	24-Sep-08	36.44	TBS	NA	7.00	1.464	3.95	14.19	50.3
MW-7	05-May-08	37.71	TBS	NA			NM - LOW YIELD		
MW-7	24-Sep-08	38.16	TBS	NA	7.08	1.572	6.11	13.99	36.3
MW-8	05-May-08	33.71	TBS	NA			NM - LOW YIELD		
MW-8	24-Sep-08	34.20	TBS	NA	6.88	1.672	3.06	15.24	-9.6
MW-9	05-May-08	31.81	TBS	NA	7.85	1.955	2.59	15.01	-37.9
MW-9	24-Sep-08	32.26	TBS	NA	7.08	1.515	2.84	14.03	43.3

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA
BMG HWY 537 LLAVES PIPELINE 2008 OIL SPILL
Rio Arriba County, New Mexico

Well ID	Date Sampled	Depth to Water (ft)	Surveyed TOC (ft)	GW Elev. (ft)	pH	Conductivity (mS)	DO (mg/L)	Temperature (C)	ORP (mV)
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NOTE: NS = NOT SAMPLED
 NM = NOT MEASURED
 NA = NOT AVAILABLE
 TBS = TO BE SURVEYED

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
BMG HWY 537 LLAVES PIPELINE 2008 OIL SPILL
Rio Arriba County, New Mexico

Well ID	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	GRO	DRO	MRO
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)
Analytical Method		8021B	8021B	8021B	8021B	8015B	8015B	8015B
New Mexico WQCC		10	750	750	620	NE	NE	NE
MW-1	05-May-08	<1.0	<1.0	<1.0	<2.0	0.092	<1.0	<5.0
MW-1	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-3	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-3	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	05-May-08	NS - Well Dry						
MW-5	24-Sep-08	NS - Well Dry						
MW-6	05-May-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-6	24-Sep-08	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-7	05-May-08	2.8	<1.0	<1.0	<2.0	0.40	<1.0	<5.0
MW-7	24-Sep-08	<1.0	<1.0	<1.0	<2.0	0.069	<1.0	<5.0
MW-8	05-May-08	26	10	<1.0	<2.0	1.10	<1.0	<5.0
MW-8	24-Sep-08	65	26	<1.0	<2.0	0.90	<1.0	<5.0
MW-9	05-May-08	6.2	7.5	<1.0	2.3	0.90	<1.0	<5.0
MW-9	24-Sep-08	17	12	<1.0	<2.0	0.32	<1.0	<5.0

NOTE: NS = Not Sampled
 GRO = Gasoline Range Organics
 DRO = Diesel Range Organics
 MRO = Motor Oil Range Organics

Animas Environmental Services

Monitor Well No: **MW-7** ~~4~~ **2**

624 E. Comanche, Farmington NM 87401

Tel. (505) 564-2281 Fax (505) 324-2022

Site: Highway 537 Station Spill

Project No.: AES 080101

Location: Rio Arriba County, New Mexico

Date: 9-24-08

Project: Groundwater Monitoring

Arrival Time: 1218

Sampling Technician: N. Willis

Arrival Time: 1218

Purge / No Purge: No Purge

Air Temp: 68°F

Well Diameter (in): 0.75

T.O.C. Elev. (ft): _____

Initial D.T.W. (ft): 29.61

Total Well Depth (ft): _____

Initial D.T.W. (ft): 29.61

1223 (taken at initial gauging of all wells)

Confirm D.T.W. (ft): 29.6

Time: 1223

(taken prior to purging well)

Final D.T.W. (ft): _____

Time: 1225

(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

[illegible]**Analytical Parameters (include analysis method and number and type of sample containers)**

BTEX per EPA Method 8021 (2 40mL Vials w/ HCl preserve)

TPH C₆-C₃₆ per EPA Method 8015B (2 40mL Vials w/ HCl preserve)TPH C₆-C₃₆ per EPA Method 8015B (40mL Vial w/ no poly)

Disposal of Purged Water:

Collected Samples Stored on Ice in Cooler:

Chain of Custody Record Complete:

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling:

Keck Water Level, YSI Water Quality Meter,

and New Disposable Bailer

Notes/Comments

Animas Environmental Services

Monitor Well No: **MW-03**

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

Site: Highway 537 Station Spill

Project No.: AES 080101

Location: Rio Arriba County, New Mexico

Date: 9-24-08

Project: Groundwater Monitoring

Arrival Time: ~~11:54~~ 11:55

Sampling Technician: A. Willis

Air Temp: 68°F

Purge / No Purge: No Purge

T.O.C. Elev. (ft):

Well Diameter (in): 0.75

Total Well Depth (ft):

Initial D.T.W. (ft): 30.09

Time: 1157 (taken at initial gauging of all wells)

Confirm D.T.W. (ft): 30.07

Time: 1701 (taken prior to purging well)

Final D.T.W. (ft): _____

Time: 12.00 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

[illegible]**Analytical Parameters (include analysis method and number and type of sample containers)**

BTEX per EPA Method 8021 (2 40mL Vials w/ HCl preserve)

TPH C₆-C₃₆ per EPA Method 8015B (2 40mL Vials w/ HCl preserve)TPH C₆-C₃₆ per EPA Method 8015B (40mL Vial w/ no poly)

Disposal of Purged Water:

Collected Samples Stored on Ice in Cooler:

Chain of Custody Record Complete:

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level, YSI Water Quality Meter,
and New Disposable Bailer

Notes/Comments

Animas Environmental Services

Monitor Well No: MW-4

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

Site:	Highway 537 Station Spill	
Location:	Rio Arriba County, New Mexico	
Project:	Groundwater Monitoring	
Sampling Technician:	N. Wilk's	
Purge / No Purge:	Purge	
Well Diameter (in):	2 3/4"	
Initial D.T.W. (ft):	33.25	Time:
Confirm D.T.W. (ft):	33.21	Time:
Final D.T.W. (ft):		Time:

Project No.: AES 080101

Date: 9-24-08

Arrival Time: 1053

Air Temp: 68°F

T.O.C. Elev. (ft):

Total Well Depth (ft):

1058 (taken at initial gauging of all wells)

1100 (taken prior to purging well)

(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

[illegible]**Analytical Parameters (include analysis method and number and type of sample containers)**

BTEX per EPA Method 8021 (2 40mL Vials w/ HCl preserve)

TPH C₆-C₃₆ per EPA Method 8015B (2 40mL Vials w/ HCl preserve)TPH C₆-C₃₆ per EPA Method 8015B (40mL Vial w/ no poly)

Disposal of Purged Water:

Collected Samples Stored on Ice in Cooler:

Chain of Custody Record Complete:

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level, YSI Water Quality Meter,
and New Disposable Bailer

Notes/Comments

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: MW-06

624 E. Comanche, Farmington NM 87401

Tel. (505) 564-2281 Fax (505) 324-2022

Site: Highway 537 Station SpillProject No.: AES 080101Location: Rio Arriba County, New MexicoDate: 9-24-08Project: Groundwater MonitoringArrival Time: 1018

Sampling Technician: _____

Air Temp: 65°FPurge / No Purge: Purge

T.O.C. Elev. (ft): _____

Well Diameter (in): 3/4"

Total Well Depth (ft): _____

Initial D.T.W. (ft): 36.44Time: 1021

(taken at initial gauging of all wells)

Confirm D.T.W. (ft): 36.44Time: 1024

(taken prior to purging well)

Final D.T.W. (ft): _____

Time: _____

(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
<u>1024</u>						<u>1/6 gallon</u>	
<u>1034</u>	<u>14.19</u>	<u>1.464</u>	<u>3.95</u>	<u>7.00</u>	<u>50.3</u>	<u>1/6 gallon</u>	
<u>1040</u>							<u>samples collected</u>

Analytical Parameters (include analysis method and number and type of sample containers)

BTEX per EPA Method 8021 (2 40mL Vials w/ HCl preserve)

TPH C₆-C₃₆ per EPA Method 8015B (2 40mL Vials w/ HCl preserve)TPH C₆-C₃₆ per EPA Method 8015B (40mL Vial w/ no poly)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: _____

Keck Water Level, YSI Water Quality Meter,and New Disposable Bailer

Notes/Comments

Animas Environmental Services

Monitor Well No: MW-7

624 E. Comanche, Farmington NM 87401

Tel. (505) 564-2281 Fax (505) 324-2022

Site: Highway 537 Station Spill

Project No.: AES 080101

Location: Rio Arriba County, New Mexico

Date: 9-24-08

Project: Groundwater Monitoring

Arrival Time: 09:38

Sampling Technician: N. Williams

Air Temp: 63°F

Purge / No Purge: Purge

T.O.C. Elev. (ft):

Well Diameter (in): 3/4"

Total Well Depth (ft):

Initial D.T.W. (ft): 38.16

Time: 0943 (taken at initial gauging of all wells)

Confirm D.T.W. (ft):

Time: 0947 (taken prior to purging well)

Final D.T.W. (ft): _____

Time: _____ (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

[illegible]**Analytical Parameters (include analysis method and number and type of sample containers)**

BTEX per EPA Method 8021 (2 40mL Vials w/ HCl preserve)

TPH C₆-C₃₆ per EPA Method 8015B (2 40mL Vials w/ HCl preserve)TPH C₆-C₃₆ per EPA Method 8015B (40mL Vial w/ no poly)

Disposal of Purged Water:

Collected Samples Stored on Ice in Cooler:

Chain of Custody Record Complete:

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling:

Keck Water Level, YSI Water Quality Meter,

and New Disposable Bailer

Notes/Comments



COVER LETTER

Monday, October 06, 2008

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

TEL: (505) 564-2281

FAX (505) 324-2022

RE: BMG Highway 537 2008 Spill

Order No.: 0809525

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory, Inc. received 9 sample(s) on 9/26/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

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,

A handwritten signature in black ink, appearing to read "Andy Freeman", written over a horizontal line.

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

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



Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-01

Client Sample ID: MW-1
Collection Date: 9/24/2008 2:06:00 PM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	127	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/2/2008 10:49:18 PM
Surr: BFB	91.5	59.9-122		%REC	1	10/2/2008 10:49:18 PM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	10/2/2008 10:49:18 PM
Toluene	ND	1.0		µg/L	1	10/2/2008 10:49:18 PM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2008 10:49:18 PM
Xylenes, Total	ND	2.0		µg/L	1	10/2/2008 10:49:18 PM
Surr: 4-Bromofluorobenzene	93.4	65.9-130		%REC	1	10/2/2008 10:49:18 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-02

Client Sample ID: MW-2
Collection Date: 9/24/2008 12:32:00 PM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	129	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/2/2008 11:19:46 PM
Surr: BFB	89.5	59.9-122		%REC	1	10/2/2008 11:19:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	10/2/2008 11:19:46 PM
Toluene	ND	1.0		µg/L	1	10/2/2008 11:19:46 PM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2008 11:19:46 PM
Xylenes, Total	ND	2.0		µg/L	1	10/2/2008 11:19:46 PM
Surr: 4-Bromofluorobenzene	88.9	65.9-130		%REC	1	10/2/2008 11:19:46 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-03

Client Sample ID: MW-3
Collection Date: 9/24/2008 12:08:00 PM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	129	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/2/2008 11:50:10 PM
Surr: BFB	85.9	59.9-122		%REC	1	10/2/2008 11:50:10 PM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	10/2/2008 11:50:10 PM
Toluene	ND	1.0		µg/L	1	10/2/2008 11:50:10 PM
Ethylbenzene	ND	1.0		µg/L	1	10/2/2008 11:50:10 PM
Xylenes, Total	ND	2.0		µg/L	1	10/2/2008 11:50:10 PM
Surr: 4-Bromofluorobenzene	83.3	65.9-130		%REC	1	10/2/2008 11:50:10 PM

Qualifiers: * Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-04

Client Sample ID: MW-4
Collection Date: 9/24/2008 11:07:00 AM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	127	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/3/2008 12:20:41 AM
Surr: BFB	89.0	59.9-122		%REC	1	10/3/2008 12:20:41 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	10/3/2008 12:20:41 AM
Toluene	ND	1.0		µg/L	1	10/3/2008 12:20:41 AM
Ethylbenzene	ND	1.0		µg/L	1	10/3/2008 12:20:41 AM
Xylenes, Total	ND	2.0		µg/L	1	10/3/2008 12:20:41 AM
Surr: 4-Bromofluorobenzene	89.0	65.9-130		%REC	1	10/3/2008 12:20:41 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-05

Client Sample ID: MW-6
Collection Date: 9/24/2008 10:40:00 AM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	122	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/3/2008 12:51:02 AM
Surr: BFB	88.3	59.9-122		%REC	1	10/3/2008 12:51:02 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	10/3/2008 12:51:02 AM
Toluene	ND	1.0		µg/L	1	10/3/2008 12:51:02 AM
Ethylbenzene	ND	1.0		µg/L	1	10/3/2008 12:51:02 AM
Xylenes, Total	ND	2.0		µg/L	1	10/3/2008 12:51:02 AM
Surr: 4-Bromofluorobenzene	87.9	65.9-130		%REC	1	10/3/2008 12:51:02 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-06

Client Sample ID: MW-7
Collection Date: 9/24/2008 10:00:00 AM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	119	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	0.069	0.050		mg/L	1	10/3/2008 1:21:26 AM
Surr: BFB	89.7	59.9-122		%REC	1	10/3/2008 1:21:26 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	10/3/2008 1:21:26 AM
Toluene	ND	1.0		µg/L	1	10/3/2008 1:21:26 AM
Ethylbenzene	ND	1.0		µg/L	1	10/3/2008 1:21:26 AM
Xylenes, Total	ND	2.0		µg/L	1	10/3/2008 1:21:26 AM
Surr: 4-Bromofluorobenzene	89.5	65.9-130		%REC	1	10/3/2008 1:21:26 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-07

Client Sample ID: MW-8
Collection Date: 9/24/2008 1:36:00 PM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	128	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	0.90	0.050		mg/L	1	10/3/2008 1:51:47 AM
Surr: BFB	87.0	59.9-122		%REC	1	10/3/2008 1:51:47 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	65	1.0		µg/L	1	10/3/2008 1:51:47 AM
Toluene	26	1.0		µg/L	1	10/3/2008 1:51:47 AM
Ethylbenzene	ND	1.0		µg/L	1	10/3/2008 1:51:47 AM
Xylenes, Total	ND	2.0		µg/L	1	10/3/2008 1:51:47 AM
Surr: 4-Bromofluorobenzene	88.4	65.9-130		%REC	1	10/3/2008 1:51:47 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-08

Client Sample ID: MW-9
Collection Date: 9/24/2008 1:00:00 PM
Date Received: 9/26/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/2/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/2/2008
Surr: DNOP	126	58-140		%REC	1	10/2/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	0.32	0.050		mg/L	1	10/3/2008 2:22:04 AM
Surr: BFB	87.0	59.9-122		%REC	1	10/3/2008 2:22:04 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	17	1.0		µg/L	1	10/3/2008 2:22:04 AM
Toluene	12	1.0		µg/L	1	10/3/2008 2:22:04 AM
Ethylbenzene	ND	1.0		µg/L	1	10/3/2008 2:22:04 AM
Xylenes, Total	ND	2.0		µg/L	1	10/3/2008 2:22:04 AM
Surr: 4-Bromofluorobenzene	86.6	65.9-130		%REC	1	10/3/2008 2:22:04 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 06-Oct-08

CLIENT: Animas Environmental Services
Lab Order: 0809525
Project: BMG Highway 537 2008 Spill
Lab ID: 0809525-09

Client Sample ID: TRIP BLANK
Collection Date:
Date Received: 9/26/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Benzene	ND	1.0		µg/L	1	10/3/2008 2:52:25 AM
Toluene	ND	1.0		µg/L	1	10/3/2008 2:52:25 AM
Ethylbenzene	ND	1.0		µg/L	1	10/3/2008 2:52:25 AM
Xylenes, Total	ND	2.0		µg/L	1	10/3/2008 2:52:25 AM
Surr: 4-Bromofluorobenzene	91.3	65.9-130		%REC	1	10/3/2008 2:52:25 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
 Project: BMG Highway 537 2008 Spill

Work Order: 0809525

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-17226		MBLK				Batch ID: 17226	Analysis Date:		10/2/2008
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-17226		LCS				Batch ID: 17226	Analysis Date:		10/2/2008
Diesel Range Organics (DRO)	5.264	mg/L	1.0	105	74	157			
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCSD-17226		LCSD				Batch ID: 17226	Analysis Date:		10/2/2008
Diesel Range Organics (DRO)	5.982	mg/L	1.0	120	74	157			
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 0809525-02A MSD		MSD				Batch ID: R30493	Analysis Date:		10/2/2008 2:37:23 PM
Gasoline Range Organics (GRO)	0.4994	mg/L	0.050	99.9	80	115	0.320	8.39	
Sample ID: 5ML RB		MBLK				Batch ID: R30493	Analysis Date:		10/2/2008 9:02:21 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		LCS				Batch ID: R30493	Analysis Date:		10/2/2008 1:05:53 PM
Gasoline Range Organics (GRO)	0.4920	mg/L	0.050	98.4	80	115			
Sample ID: 0809525-02A MS		MS				Batch ID: R30493	Analysis Date:		10/2/2008 2:06:51 PM
Gasoline Range Organics (GRO)	0.5010	mg/L	0.050	100	80	115			
Method: EPA Method 8021B: Volatiles									
Sample ID: 0809525-02A MSD		MSD				Batch ID: R30493	Analysis Date:		10/2/2008 2:37:23 PM
Benzene	6.518	µg/L	1.0	116	85.9	113	2.22	27	S
Toluene	44.13	µg/L	1.0	110	86.4	113	1.26	19	
Ethylbenzene	9.102	µg/L	1.0	114	83.5	118	2.17	10	
Xylenes, Total	53.07	µg/L	2.0	115	83.4	122	1.79	13	
Sample ID: 5ML RB		MBLK				Batch ID: R30493	Analysis Date:		10/2/2008 9:02:21 AM
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
Sample ID: 100NG BTEX LCS		LCS				Batch ID: R30493	Analysis Date:		10/2/2008 1:36:19 PM
Benzene	19.72	µg/L	1.0	98.6	85.9	113			
Toluene	19.68	µg/L	1.0	98.4	86.4	113			
Ethylbenzene	20.35	µg/L	1.0	102	83.5	118			
Xylenes, Total	60.30	µg/L	2.0	101	83.4	122			
Sample ID: 0809525-02A MS		MS				Batch ID: R30493	Analysis Date:		10/2/2008 2:06:51 PM
Benzene	6.664	µg/L	1.0	119	85.9	113			S
Toluene	44.69	µg/L	1.0	112	86.4	113			
Ethylbenzene	9.302	µg/L	1.0	116	83.5	118			
Xylenes, Total	54.03	µg/L	2.0	117	83.4	122			

Qualifiers:

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
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:

9/26/2008

Work Order Number 0809525

Received by: ARS

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name Greyhound

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Water - Preservation labels on bottle and cap match?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	3°	<6° C Acceptable If given sufficient time to cool.	

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: One voa broken upon arrival sample 0809525-4. at 9/26

Corrective Action _____

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Services, LLC.

Farmington, NM 87401

email or Fax#: 505-324-2022

☒ Standard ☐ Level 4 (Full Validation)

☐ EDD (Type) _____

☐ EDD (Type)

Ross Kennermer

On Ice: ☒ Yes ☐ No

Sample Temperature: 26

<div style="display: flex; justify-content: space-between;"> <div> <p> 1. Project Name: [Blank] 2. Project Number: [Blank] 3. Project Manager: [Blank] 4. Project Sponsor: [Blank] 5. Project Start Date: [Blank] 6. Project End Date: [Blank] 7. Project Status: [Blank] 8. Project Description: [Blank] 9. Project Objectives: [Blank] 10. Project Scope: [Blank] 11. Project Budget: [Blank] 12. Project Risk: [Blank] 13. Project Impact: [Blank] 14. Project Deliverables: [Blank] 15. Project Milestones: [Blank] 16. Project Stakeholders: [Blank] 17. Project Communication: [Blank] 18. Project Reporting: [Blank] 19. Project Review: [Blank] 20. Project Approval: [Blank] </p> </div> <div> <p> 21. Project Approval: [Blank] 22. Project Approval: [Blank] 23. Project Approval: [Blank] 24. Project Approval: [Blank] 25. Project Approval: [Blank] 26. Project Approval: [Blank] 27. Project Approval: [Blank] 28. Project Approval: [Blank] 29. Project Approval: [Blank] 30. Project Approval: [Blank] </p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div> <p> 31. Project Approval: [Blank] 32. Project Approval: [Blank] 33. Project Approval: [Blank] 34. Project Approval: [Blank] 35. Project Approval: [Blank] 36. Project Approval: [Blank] 37. Project Approval: [Blank] 38. Project Approval: [Blank] 39. Project Approval: [Blank] 40. Project Approval: [Blank] </p> </div> <div> <p> 41. Project Approval: [Blank] 42. Project Approval: [Blank] 43. Project Approval: [Blank] 44. Project Approval: [Blank] 45. Project Approval: [Blank] 46. Project Approval: [Blank] 47. Project Approval: [Blank] 48. Project Approval: [Blank] 49. Project Approval: [Blank] 50. Project Approval: [Blank] </p> </div> </div>
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Container

HEAL No.

3-1-1

May-2

MW-3

24-4

$$M_W = 5$$

MLJ-6

W-11

ملک- ۱

3-3-0

Top Black

Relinquished by:

1. The 1990s

Relinquished by:

01/16/10
1/24/10

—

Remarks:

Ch. 17

01/10/2017

10-1	10-1
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If necessary, samples submitted to Hail Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.