3R - 442

REPORT

10/04/2012

Animas Environmental Services, LLC

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

20100-9 9 9

October 4, 2012

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

Re:

Initial Release Assessment and Mitigation Report

Lateral 2C-45 March 2012 Pipeline Release

Rio Arriba County, New Mexico

Dear Mr. von Gonten:

Enclosed is the Initial Release Assessment and Mitigation Report prepared by Animas Environmental Services, LLC (AES) on behalf of Enterprise Products for the Lateral 2C-45 Pipeline Release located in Rio Arriba County, New Mexico.

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

Sincerely,

Tami C. Ross, CHMM

Jami C Rosp

Project Manager

Attachments:

Initial Release Assessment and Mitigation Report

cc:

Aaron Dailey

Enterprise Products Company

614 Reilly Avenue

Farmington, New Mexico 87401

Brandon Powell

New Mexico Oil Conservation Division

1000 Rio Brazos Road

Aztec, New Mexico 87410



September 21, 2012

Aaron Dailey Enterprise Products Company 614 Reilly Avenue Farmington, New Mexico 87401 www.animasenvironmental.com

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

> Durango, Colorado 970-403-3274

RE: Initial Release Assessment and Mitigation Report Lateral 2C-45 March 2012 Pipeline Release Rio Arriba County, New Mexico

Dear Mr. Dailey:

Animas Environmental Services, LLC (AES) has prepared this Initial Release Assessment and Mitigation Report, on behalf of Enterprise Products Company (Enterprise), which details the initial assessment of a natural gas and condensate release from the Lateral 2C-45 pipeline and the subsequent excavation of petroleum hydrocarbon contaminated soil (PCS). The release was discovered on March 31, 2012, and is located within Lapis Canyon wash in Rio Arriba County, New Mexico. The release was a result of pipeline corrosion.

1.0 Site Information

1.1 Location

Location - NW¼ SE¼, Section 24, T25N, R6W, Rio Arriba County, New Mexico Latitude/Longitude - N36.38347 and W108.41676, respectively Surface Owner – Federal (Bureau of Land Management)
Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Location Map

1.2 NMOCD Ranking

In accordance with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), the release location was assigned a ranking score to establish release action levels. The ranking score was obtained in part by reviewing available records of nearby oil/gas wells using the NMOCD online database. No records for nearby well locations with similar surface elevations were found to assist in determining NMOCD ranking. Additionally, the New Mexico Office of the State Engineer (NMOSE) database was reviewed for nearby private

domestic 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/project.html) were accessed to aid in the identification of downgradient surface water. Additionally, AES personnel assessed the NMOCD ranking criteria using topographical interpretation and visual reconnaissance on-site. The release location is within Lapis Wash, and groundwater was estimated to be less than 50 feet below ground surface (bgs). Based on this information, the location was assessed a ranking score of 40.

2.0 Release Assessment and Mitigation

2.1 Initial Assessment

On March 31, 2012, a condensate release was discovered from the 4-inch diameter Lateral 2C-45 pipeline. Upon repair of the pipeline, Enterprise contractors excavated an area measuring 35 feet by 30 feet by 13 feet deep around the March 2012 release location. AES collected one representative soil sample (S-1) for field screening and laboratory analysis from the base of the excavation. Groundwater was encountered approximately 12 feet bgs within the excavation, and 12 barrels (bbls) of condensate and water were vacuumed from the excavation. Excavated soils were stockpiled on site for disposal at an authorized facility, and the liquids were transported to Enterprise's Blanco Storage facility.

On April 1, 2012, Enterprise completed an inspection of the Lateral 2C-45 pipeline and determined that there were two historical release points south of the March 2012 release point. As a result, 140 feet of pipeline, including the March 2012 release point, were abandoned in place at 12 feet bgs, and a new pipeline segment was installed at 8 feet bgs. The new pipeline trench, which extended from the March 2012 release excavation, measured 120 feet by 4 feet by 8 feet deep.

AES collected five additional soil samples (S-2 through S-6) for field screening and laboratory analysis within the new pipeline trench. These soil samples confirmed concentrations of contaminants of concern at 8 feet bgs. Based on field observations and laboratory analytical results, AES determined that overburden to 8 feet bgs could be used as backfill and further recommended continued excavation of PCS associated with the release locations. Details of the soil sample results are discussed in Section 3.0, and excavation extents are presented in Figure 3.

2.2 PCS Excavation

On April 9 through April 24, 2012, Enterprise contractors expanded the excavation to continue the removal of PCS. AES collected a total of 136 samples that were field screened for volatile organic compounds (VOCs) and were used to guide the excavation. Additionally, 39 5-point composite soil samples were collected for field screening and laboratory analysis. From the 39 soil samples, 33 samples were used as excavation guidance and ultimately as confirmation samples. The remaining 6 soil samples were used for excavation guidance only. Details of the soil sample results are presented in Section 3.0.

Excavation details are summarized as follows:

- The final excavation area measured approximately 8,800 square feet ranging from 10 to 19 feet deep.
- Approximately 50 feet of non-designated dirt road were excavated on the northern portion of the excavation.
- A sandstone outcrop was encountered from 2 to 12 feet bgs on the northeast side of the excavation.
- Enterprise suspended the excavation and sampling in the southeast extent of the excavation because of safety hazards created by steep walls sloughing.
- Soil was left in place around the abandoned pipeline in order to maintain the structural integrity of the newly installed pipeline. The area left in place measured approximately 145 feet long by 8 feet wide.

Groundwater was encountered at approximately 12 feet bgs within the excavation on the western side of the pipeline. Three groundwater samples (GW-1 through GW-3) were collected from the excavation for laboratory analysis. Details of groundwater sample results are discussed in Section 4.0.

Approximately 3,128 cubic yards of hydrocarbon contaminated soil were transported by subcontractors to the TNT Landfarm, Inc., near Lindrith, New Mexico, for disposal. Following the collection of soil confirmation samples, the excavation was backfilled with stockpiled overburden and clean imported material. Excavation extents are presented in Figure 4, and a photograph log and disposal documents are attached.

3.0 Soil Sampling

As part of initial assessment activities on March 31 and April 1, 2012, AES personnel collected six soil samples (S-1 through S-6) for field screening and laboratory analysis. S-1 was collected from the March 2012 release location at 12 feet bgs, and S-2 through S-

6 were collected at 8 feet bgs along the newly installed pipeline trench. Soil sample locations are included on Figure 3.

During PCS removal between April 9 through 24, 2012, AES personnel collected 39 5-point composite soil samples (SC-1 through SC-39) from the sidewalls of the excavation at depths ranging from 1 to 15 feet bgs and from the base of the excavation at depths ranging from 10 to 19 feet bgs. The composite samples were field screened and submitted for laboratory analysis. Soil sample locations are included on Figure 4.

3.1 Field Screening

Field screening for VOCs was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas.

3.2 Laboratory Analyses

Soil samples collected for laboratory analysis were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto a sample chain of custody record. Samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico. Soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B;
- Total petroleum hydrocarbons (TPH) for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015B.

3.3 Field Screening and Laboratory Analytical Results

Initial assessment field screening readings ranged from 1.7 ppm in S-6 up to 6,018 ppm in S-1. Final excavation field screening results ranged from 0.0 ppm in SC-10 and SC-11 up to 596 ppm in SC-5. Field screening readings are presented in Table 1 and on Figures 3 and 4.

Laboratory samples collected during initial assessment activities reported benzene concentrations below the laboratory detection limit in all samples, except for S-1 with 13 mg/kg. Total BTEX concentrations were reported above the laboratory detection limits in S-1 (968 mg/kg), S-3 (0.15 mg/kg), and S-5 (0.59 mg/kg). TPH concentrations as GRO/DRO were below the laboratory detection limits in all samples except for S-1 (9,000 mg/kg), S-2 (8.2 mg/kg GRO), and S-5 (9.5 mg/kg GRO).

Soil samples collected during the excavation work in April 2012 reported benzene concentrations below the laboratory detection limits in all samples, except for SC-5

(0.17 mg/kg), SC-8 (0.064 mg/kg), SC-9 (0.062 mg/kg), and SC-19 (0.13 mg/kg). Total BTEX concentrations were reported below the laboratory detection limits in all samples, except for SC-5 (9.9 mg/kg), SC-8 (0.416 mg/kg), SC-9 (0.062 mg/kg), SC-19 (0.13 mg/kg), SC-32 (0.23 mg/kg), SC-34 (1.0 mg/kg), and SC-37 (0.34 mg/kg). TPH concentrations were reported above the laboratory detection limits in SC-5 (69 mg/kg), SC-7 (56 mg/kg DRO), SC-10 (14 mg/kg DRO), SC-34 (4.8 mg/kg GRO), and SC-37 (87 mg/kg). Laboratory analytical results are included in Table 1 and on Figures 3 and 4. Laboratory analytical reports are attached.

4.0 Groundwater Sampling

On April 10, 11, and 17, 2012, groundwater samples (GW-1 through GW-3) were collected from various locations within the western portion of the excavation.

4.1 Laboratory Analyses

Groundwater samples were collected using new disposable bailers, preserved in laboratory-supplied containers, and stored in an insulated cooler containing ice. Samples were shipped in insulated coolers containing ice at less than 6°C to the analytical laboratory. Groundwater samples were laboratory analyzed for:

BTEX per USEPA Method 8021B.

4.2 Laboratory Analytical Results

Groundwater analytical results showed that benzene and toluene concentrations were above the laboratory detection limits, respectively, in GW-2 (60 μ g/L and 6.6 μ g/L) and GW-3 (34 μ g/L and 34 μ g/L). Ethylbenzene and total xylene concentrations were below laboratory detection limits except for GW-3 (12 μ g/L and 97 μ g/L, respectively). Groundwater analytical results are presented in Table 2 and on Figure 5. Groundwater laboratory analytical reports are attached.

5.0 Conclusions and Recommendations

NMOCD action levels for releases are specified in NMOCD's *Guidelines for Leaks, Spills, and Releases* (August 1993), and the release location was assessed a ranking score of 40. Based on soil laboratory analytical results, PCS has been removed to below NMOCD action levels for benzene, total BTEX, and TPH within the accessible areas of the excavation. The highest concentrations from the initial assessment work on March 31 and April 1, 2012, above applicable NMOCD action levels were recorded in S-1 with 13 mg/kg benzene, 969 mg/kg total BTEX, and 9,000 mg/kg TPH. S-1 is representative of an area of soil directly below the abandoned pipeline that was left in place during the

installation of the new pipeline. However, samples collected from soils left in place (SC-5, SC-7, SC-13, and SC-23) and located approximately 5 feet from the abandoned pipeline showed that soil concentrations for benzene, total BTEX, and TPH were below NMOCD action levels.

Groundwater laboratory analytical results confirm that groundwater has been impacted by dissolved phase benzene with concentrations exceeding the applicable New Mexico Water Quality Commission (WQCC) standard in GW-2 (60 μ g/L) and GW-3 (34 μ g/L). Dissolved phase toluene, ethylbenzene, and total xylenes were below applicable WQCC standards.

Based on field observations, field screening, and laboratory analytical results, AES recommends the installation of temporary soil borings/monitor wells using a Geoprobe in order to investigate PCS that may exist in the southwestern portion of the excavation where access was restricted and to delineate the dissolved phase contaminant plume. Upon completion of the site investigation, recommendations for remedial methods, if necessary, will be presented. Figure 6 illustrates the proposed locations of soil borings.

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

Sincerely,

Tami C. Ross, CHMM Project Manager

Project Manager

Elizabeth McNally, P.E.

Wighet V Merelly

Attachments:

- Table 1. Summary of Field Screening and Soil Laboratory Analytical Results
- Table 2: Summary of Groundwater Laboratory Analytical Results
- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map
- Figure 3. Initial Release Assessment Excavation, Sample Locations, and Results, March and April 2012
- Figure 4. Final Excavation Sample Locations and Results, April 2012
- Figure 5. Groundwater Sample Locations and Results, April 2012
- Figure 6. Proposed Soil Borings/Temporary Monitor Well Locations

Photograph Log

Waste Disposal Document (T-n-T Environmental, Inc., C-138) Laboratory Analytical Reports (Hall 1204426, 124490, 1204539, 1204655, 1204432, 1204707, 1204945, 1204A10)

R:\Animas 2000\2012 Projects\Enterprise\Lateral 2C-45\Report\Lateral 2C-45 Release Assessment and Mitigation Report 092112.docx

TABLE 1
SUMMARY OF SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Enterprise Lateral 2C-45 Release Report
Rio Arriba County, New Mexico

Sample ID	Date Sampled	Depth (feet)	OVM- PID (ppm)	Benzene (mg/kg)	BTEX (mg/kg)	GRO (C6-C10) (mg/kg)	DRO (C10-C22)
	NMOCD Act	ion Level	100	10	50	1	00
S-1	31-Mar-12	12	6,018	13	968	6,700	2,300
S-2	1-Apr-12	8	548	<0.049	<0.244	8.2	<9.9
S-3	1-Apr-12	8	33.2	<0.048	0.15	<4.8	<10
S-4	1-Apr-12	8	17.5	<0.047	<0.234	<4.7	<10
S-5	1-Apr-12	8	73.6	<0.047	0.59	9.5	<10
S-6	1-Apr-12	8	1.7	<0.048	<0.241	<4.8	<9.8
SC-1	9-Apr-12	1 to 12	147	<0.047	<0.235	<4.7	<9.9
SC-2	9-Apr-12	12	37	<0.050	<0.250	<5.0	<10
SC-3	9-Apr-12	1 to 12	7.2	<0.048	<0.241	<4.8	<10
SC-4	10-Apr-12	1 to 15	67	<0.049	<0.245	<4.9	<9.7
SC-5	10-Apr-12	1 to 12	596	0.17	9.9	53	16
SC-6	10-Apr-12	1 to 12	NA	<0.048	<0.241	<4.8	<10
SC-7	10-Apr-12	1 to 12	231	<0.096	<0.478	<9.6	56
SC-8	10-Apr-12	12	148	0.064	0.416	<5.0	<10
SC-9	10-Apr-12	10	117	0.062	0.062	5.3	<9.9
SC-10	12-Apr-12	1 to 12	0.0	<0.048	<0.241	<4.8	14
SC-11	12-Apr-12	10	0.0	<0.049	<0.245	<4.9	<9.7
SC-12	12-Apr-12	1 to 10	1.5	<0.049	<0.245	<4.9	<10
SC-13	12-Apr-12	1 to 10	108	<0.050	<0.250	<5.0	<9.7
SC-14	12-Apr-10	1 to 10	2.5	<0.048	<0.240	<4.8	<10
SC-15	12-Apr-12	12	NA	<0.048	<0.239	<4.8	<9.8
SC-16	15-Apr-12	10	23	<0.050	<0.250	<5.0	<9.7
SC-17	15-Apr-12	12	5.1	<0.050	<0.250	<5.0	<9.9
SC-18	15-Apr-12	19	41	<0.050	<0.250	<5.0	<9.8
SC-19	15-Apr-12	12	18.1	0.13	0.13	<5.0	<9.9
SC-20	16-Apr-12	12	23	<0.49	<2.44	<4.9	<9.9
SC-21	16-Apr-12	12	8.7	<0.50	<2.49	<5.0	<10
SC-22	16-Apr-12	18	47	<0.048	<0.239	<4.8	<9.6

TABLE 1
SUMMARY OF SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Enterprise Lateral 2C-45 Release Report

Rio Arriba County, New Mexico

OVM-GRO DRO Date Depth Benzene BTEX Sample ID PID (C6-C10)(C10-C22)Sampled (feet) (mg/kg) (mg/kg) (mg/kg) (ppm) NMOCD Action Level 100 10 *50* 100 8.6 SC-23 16-Apr-12 1 to 12 < 0.048 < 0.239 <4.8 <9.7 SC-24 3.8 < 0.244 <4.9 16-Apr-12 1 to 12 < 0.049 <9.9 SC-25 10 8.1 < 0.049 <4.9 17-Apr-12 < 0.245 <10 <4.7 <9.9 SC-26 17-Apr-12 1 to 12 20.3 < 0.047 < 0.235 SC-27 <4.9 < 9.8 23-Apr-12 12 116 < 0.049 < 0.245 SC-28 23-Apr-12 1 to 12 79 < 0.049 < 0.245 <4.9 <10 SC-29 23-Apr-12 12 35.1 < 0.047 < 0.234 <4.7 <9.6 SC-30 <4.9 <9.7 134 < 0.049 < 0.245 23-Apr-12 1 to 12 SC-31 24-Apr-12 2 to 4 26 < 0.048 < 0.239 <4.8 <10 SC-32 24-Apr-12 2 to 4 45 < 0.049 0.23 <4.9 < 9.7 SC-33 24-Apr-12 2 to 4 33 < 0.047 < 0.235 <4.7 <10 SC-34 24-Apr-12 1 to 10 275 < 0.047 1.0 4.8 <9.7 SC-35 77 <0.231 24-Apr-12 2 to 4 < 0.046 <4.6 <9.8 SC-36 12 89 < 0.245 <4.9 24-Apr-12 < 0.049 <10 SC-37 24-Apr-12 83 < 0.049 0.34 38 49 1 to 12 SC-38 24-Apr-12 1 to 12 127 < 0.048 < 0.240 <4.8 <10

NOTES: NA - Not Analyzed

24-Apr-12

1 to 4

108

< 0.049

< 0.245

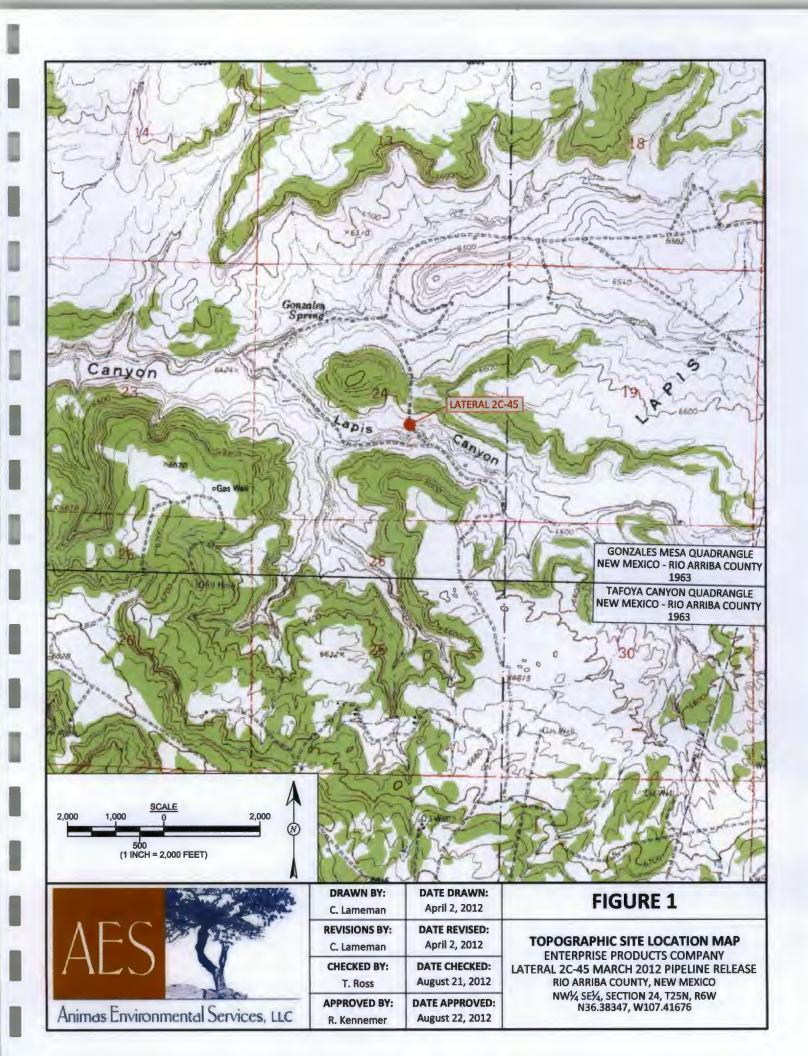
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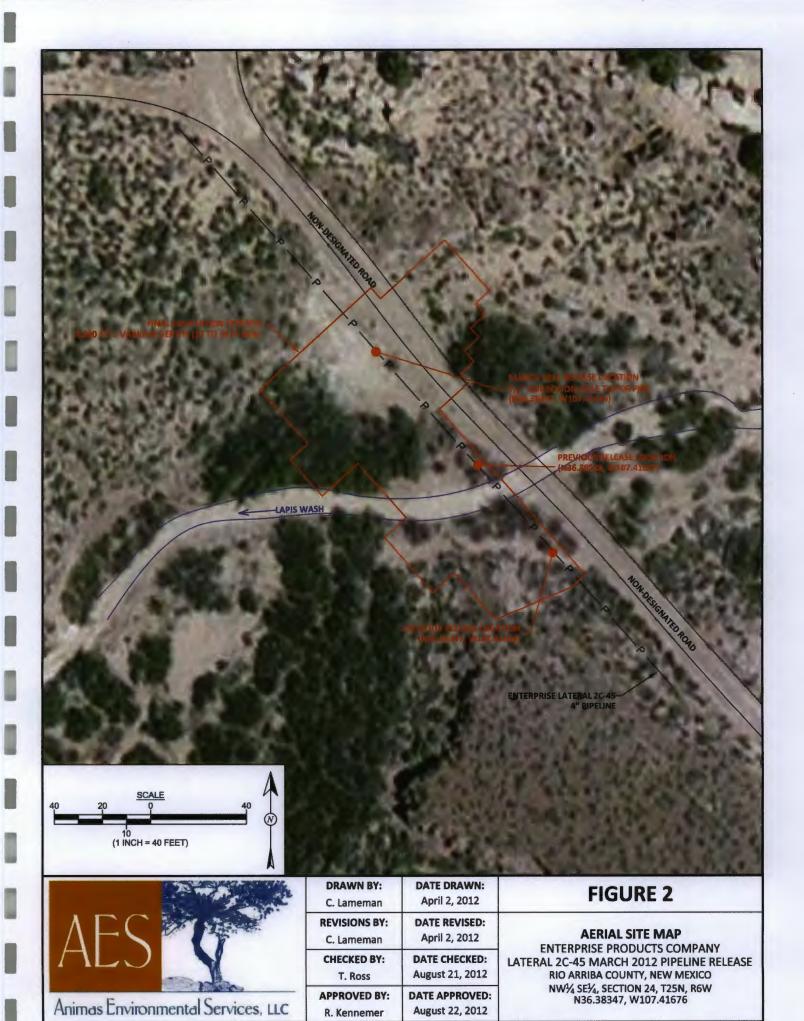
SC-39

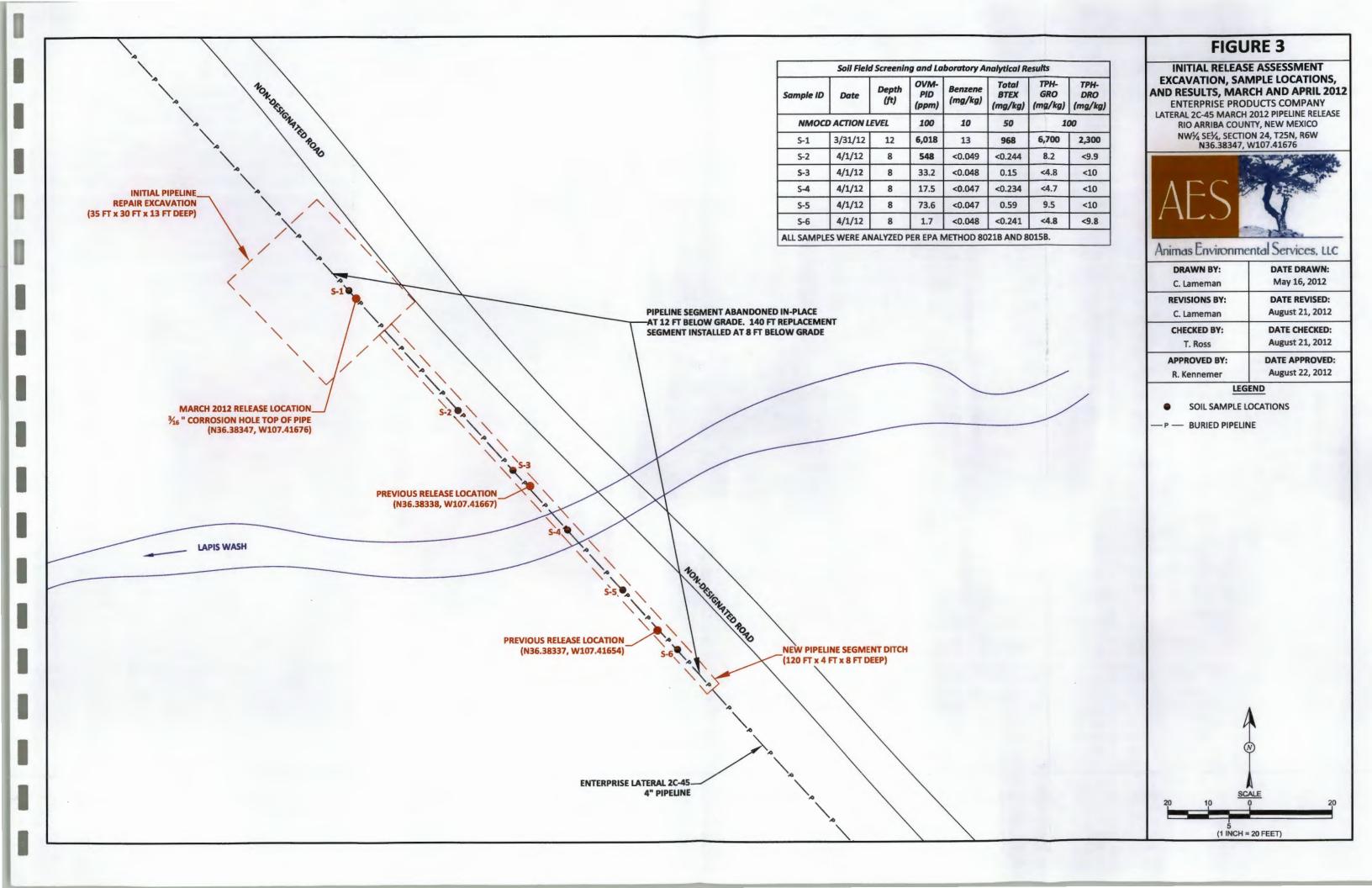
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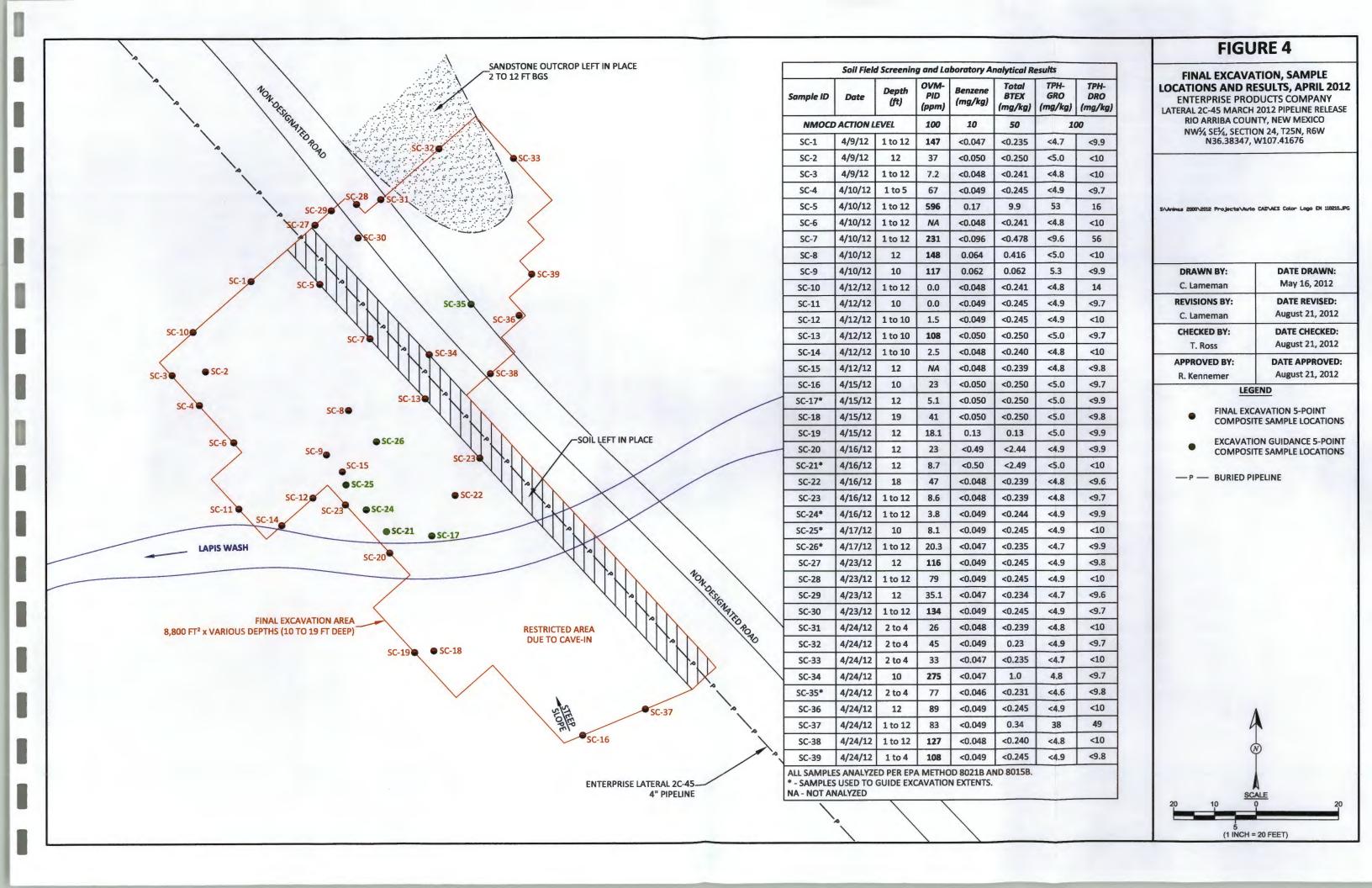
TABLE 2 SUMMARY OF GROUNDWATER LABORATORY ANALYTICAL RESULTS Enterprise Lateral 2C-45 Release Report Rio Arriba County, New Mexico

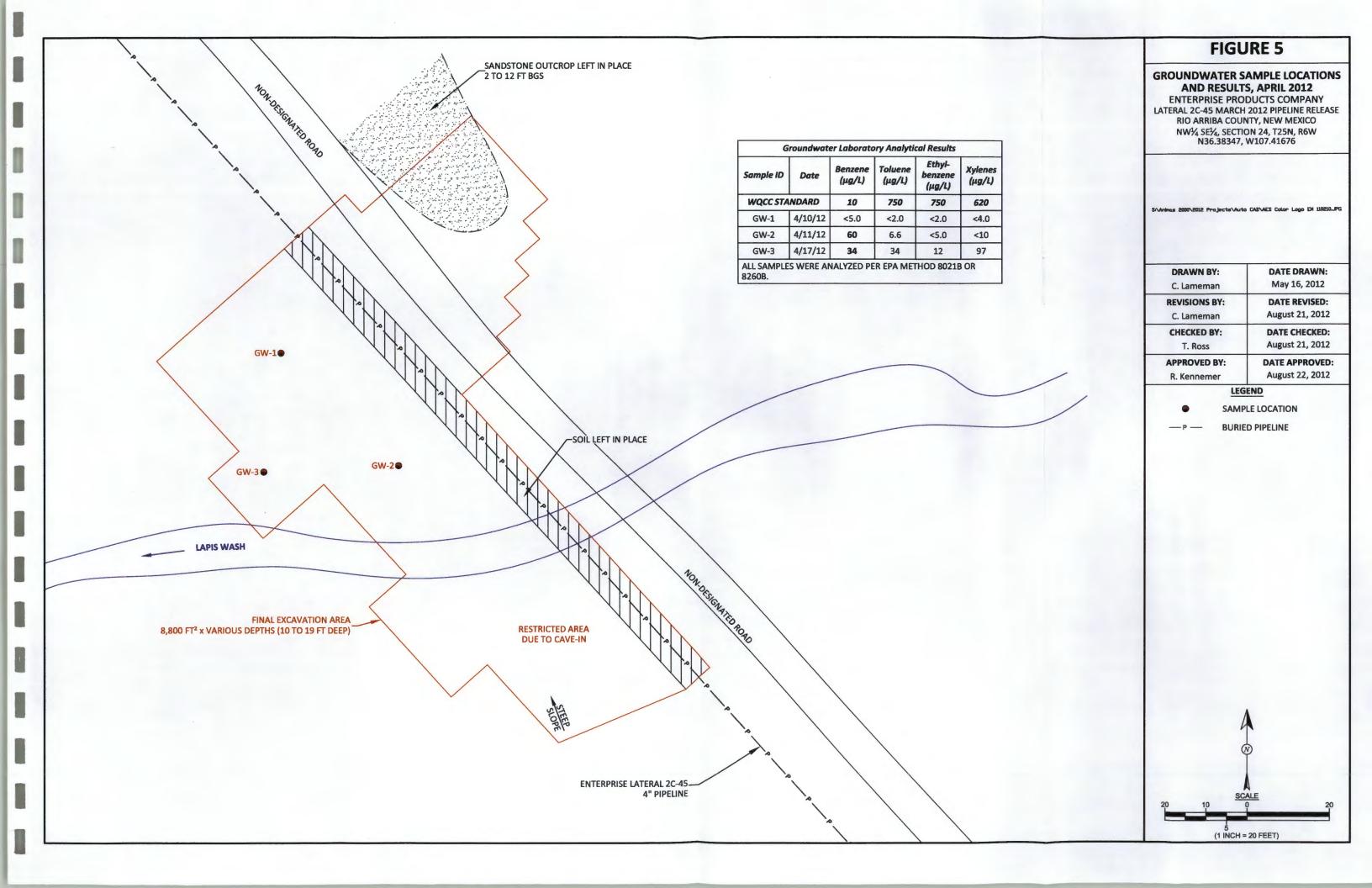
Sample ID	Date Sampled	Benzene (μg/L)	Toluene (μg/L)	Ethyl- Benzene (μg/L)	Total Xylenes (μg/L)
Analytical	Method	8021	8021	8021	8021
WQCC St	andard	10	750	750	620
GW-1	10-Apr-12	<2.0	<2.0	<2.0	<4.0
GW-2	11-Apr-12	60	6.6	<5.0	<10
GW-3	17-Apr-12	34	34	12	97











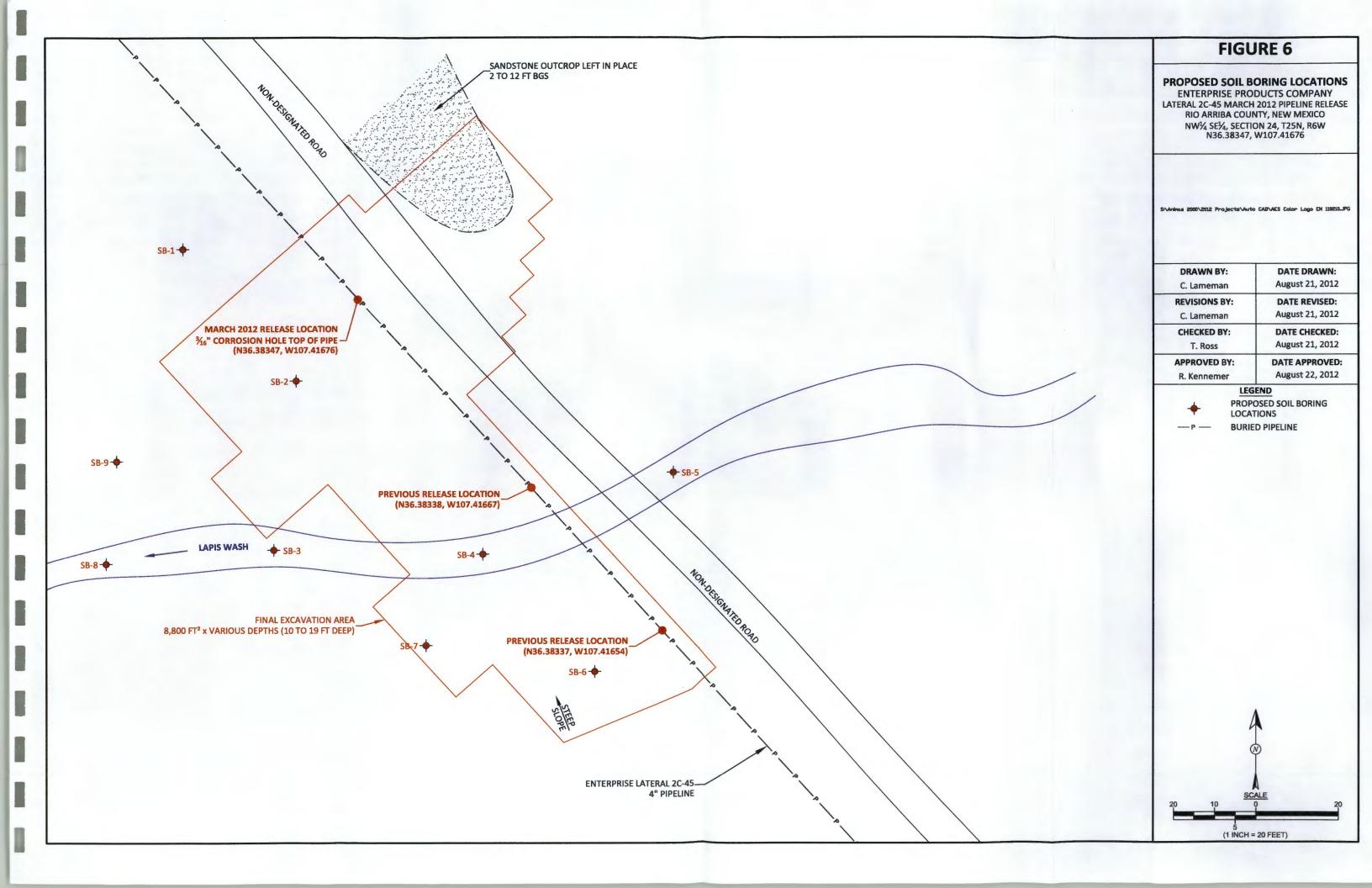


Photo #1

Client: Enterprise Products Company

Project: Lateral 2C-45 Pipeline Release

Taken by: Ross Kennemer

April 1, 2012

AES Project No: 120326

pipeline segment.



Photo #2

Client: Enterprise Products Company

Project: Lateral 2C-45 Pipeline Release

> Taken by: Tom Long

April 16, 2012

AES Project No: 120326



Description: View of the southwest portion of the excavation with restricted access because of steep slope and sloughing.

Photo #3

Client:
Enterprise Products
Company

Project:
Lateral 2C-45
Pipeline Release

Taken by:
Tom Long

April 15, 2012

AES Project No:

Description: View of the excavation in Lapis Wash.

Photo #4

120326

Client: Enterprise Products Company

Project: Lateral 2C-45 Pipeline Release

> Taken by: Tom Long

May 3, 2012

AES Project No: 120326



Description: View to the north of the excavation after backfilling.

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rto Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr.

Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

Santa Fe, NM 87505

1. Generator Name and Address: Enterprise Products Operating, L.P.
2. Originating Site: Lateral 2C-45 Pipeline Segment
3. Location of Material (Street Address, City, State or ULSTR): Unit K Section 25 T25N R6W, Lat 36.383501, Long107.416728
4. Source and Description of Waste: Excavation of exempt petroleum hydrocarbon contaminated soil from pipeline release 1.40 yds. 3.12 Tot
Estimated Volume _500_yd³ / bbls Known Volume (to be entered by the operator at the end of the haul)
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
1,, representative or authorized agent forEnterprise Products Operating do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency Monthly Weckly Per Load
RCRA Non-Exempt. Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261 24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous (Check the appropriate items)
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I,, representative forEnterprise Products Operating_authorize T-n-T environmental to complete the required testing/sign the Generator Waste Testing Certification
I do hereby certify that
Representative/Agent Signature
representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: West States Energy—Contact Gary Maestas @ (505) 215-2744
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: T-n-T Environmental Inc. NM-01-0008 Address of Facility #70 CR 405, Lindrith, NM 87029
Method of Treatment and/or Disposal.
☐ Evaporation ☐ Injection ☐ Treating Plant 🔀 Landfarm ☐ Landfill ☐ Other
Waste Acceptance Status:
APPROVED DENIED (Must Be Maintained As Permanent Record)
PRINT NAME LAST SCHMITZ TITLE OFFICE Admin DATE 3-31-12 SIGNATURE STRING Waste Management Facility Authorized Agent TELEPHONE NO 575-774-6504



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

OrderNo.: 1204945

May 01, 2012

Ross Kennemer Animas Environmental Services 624 East Comanche

Farmington, NM 87401 TEL: (505) 486-1776

FAX: (505) 324-2022

RE: Enterprise Lateral 2C-45

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/25/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

Sulst

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1204945

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204945-001

Matrix: SOIL

Collection Date: 4/23/2012 11:01:00 AM **Received Date:** 4/25/2012 8:00:00 AM

Client Sample ID: SC-27

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS		*		Analyst: JMP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/26/2012 2:10:13 PM
Surr: DNOP	98.4	77.4-131	%REC	1	4/26/2012 2:10:13 PM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/28/2012 1:18:10 AM
Surr: BFB	100	69.7-121	%REC	1	4/28/2012 1:18:10 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/28/2012 1:18:10 AM
Toluene	ND	0.049	mg/Kg	1	4/28/2012 1:18:10 AM
Ethylbenzene	ND	0.049	mg/Kg	1	4/28/2012 1:18:10 AM
Xylenes, Total	ND	0.098	mg/Kg	1	4/28/2012 1:18:10 AM
Surr: 4-Bromofluorobenzene	91.9	80-120	%REC	1	4/28/2012 1:18:10 AM

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

Lab Order 1204945

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Enterprise Lateral 2C-45 **Project:**

Lab ID: 1204945-002 Client Sample ID: SC-28

Collection Date: 4/23/2012 11:18:00 AM

Received Date: 4/25/2012 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/26/2012 2:36:02 PM
Surr: DNOP	94.8	77.4-131	%REC	1	4/26/2012 2:36:02 PM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/28/2012 1:46:51 AM
Surr: BFB	101	69.7-121	%REC	1	4/28/2012 1:46:51 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/28/2012 1:46:51 AM
Toluene	ND	0.049	mg/Kg	1	4/28/2012 1:46:51 AM
Ethylbenzene	ND	0.049	mg/Kg	1	4/28/2012 1:46:51 AM
Xylenes, Total	ND	0.098	mg/Kg	1	4/28/2012 1:46:51 AM
Surr: 4-Bromofluorobenzene	92.8	80-120	%REC	1	4/28/2012 1:46:51 AM

Matrix: SOIL

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

Ε Value above quantitation range

Analyte detected below quantitation limits

RPD outside accepted recovery limits R

Spike Recovery outside accepted recovery limits

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Reporting Detection Limit

Page 2 of 7

Lab Order 1204945

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204945-003

Client Sample ID: SC-29

Collection Date: 4/23/2012 11:53:00 AM

Received Date: 4/25/2012 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	4/26/2012 3:01:46 PM
Surr: DNOP	98.7	77.4-131	%REC	1	4/26/2012 3:01:46 PM
EPA METHOD 8015B: GASOLINE RAI	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/28/2012 2:15:32 AM
Surr: BFB	101	69.7-121	%REC	1	4/28/2012 2:15:32 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.047	mg/Kg	1	4/28/2012 2:15:32 AM
Toluene	ND	0.047	mg/Kg	1	4/28/2012 2:15:32 AM
Ethylbenzene	ND	0.047	mg/Kg	1	4/28/2012 2:15:32 AM
Xylenes, Total	ND	0.093	mg/Kg	1	4/28/2012 2:15:32 AM
Surr: 4-Bromofluorobenzene	93.0	80-120	%REC	1	4/28/2012 2:15:32 AM

Matrix: SOIL

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

Lab Order 1204945

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/1/2012

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204945-004

Client Sample ID: SC-30

Collection Date: 4/23/2012 11:57:00 AM

Received Date: 4/25/2012 8:00:00 AM

Analyses	Result	Result RL Qual Units		DF	Date Analyzed		
EPA METHOD 8015B: DIESEL RAN	GE ORGANICS				Analyst: JMP		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/26/2012 3:27:40 PM		
Surr: DNOP	95.0	77.4-131	%REC	1	4/26/2012 3:27:40 PM		
EPA METHOD 8015B: GASOLINE R	ANGE				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/28/2012 2:44:22 AM		
Surr: BFB	99.0	69.7-121	%REC	1	4/28/2012 2:44:22 AM		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.049	mg/Kg	1	4/28/2012 2:44:22 AM		
Toluene	ND	0.049	mg/Kg	1	4/28/2012 2:44:22 AM		
Ethylbenzene	ND	0.049	mg/Kg	1	4/28/2012 2:44:22 AM		
Xylenes, Total	ND	0.098	mg/Kg	1	4/28/2012 2:44:22 AM		
Surr: 4-Bromofluorobenzene	89.9	80-120	%REC	1	4/28/2012 2:44:22 AM		

Matrix: SOIL

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204945

01-May-12

Client:

Animas Environmental Services

Project:

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

Enterprise Lateral 2C-45

Result

51

4.6

PQL

10

Sample ID: MB-1688	SampTy	SampType: MBLK			TestCode: EPA Method 8015B: Diesel Range Organics							
Client ID: PBS	Batch ID: 1688			F	RunNo: 2	375						
Prep Date: 4/25/2012	Analysis Da	ate: 4/	26/2012	8	SeqNo: 6	6012	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND	10										
Surr: DNOP	10		10.00		101	77.4	131					
Sample ID: LCS-1688	SampTy	/pe: LC	s	Tes	tCode: El	PA Method	8015B: Diese	el Range C	Organics			
Client ID: LCSS	Batch	ID: 16 8	88	F	RunNo: 2	375						
Prep Date: 4/25/2012	Analysis Da	ate: 4/	26/2012	5	egNo: 66091		Units: mg/K	(a				

0

SPK value SPK Ref Val

50.00

5.000

%REC

102

92.5

LowLimit

62.7

77.4

HighLimit

139

131

%RPD

RPDLimit

Qual

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 5 of 7

RL Reporting Detection Limit

^{*/}X Value exceeds Maximum Contaminant Level.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204945

01-May-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID: MB-1687

SampType: MBLK

TestCode: EPA Method 8015B: Gasoline Range

Client ID: PBS

Batch ID: 1687

RunNo: 2396

Prep Date: 4/25/2012 Analysis Date: 4/26/2012

SeqNo: 67176

Units: mg/Kg

Analyte

Result **PQL** ND

SPK value SPK Ref Val %REC LowLimit HighLimit

RPDLimit Qual

Gasoline Range Organics (GRO) Surr: BFB

5.0 930

1,000

92.6

121

Sample ID: LCS-1687 SampType: LCS

TestCode: EPA Method 8015B: Gasoline Range

Client ID:

LCSS

Batch ID: 1687

RunNo: 2396

69.7

Prep Date:

4/25/2012

Analysis Date: 4/26/2012

SeqNo: 67177

%REC

Units: mg/Kg

%RPD

%RPD

Analyte Gasoline Range Organics (GRO)

Result **PQL**

HighLimit

RPDLimit

SPK value SPK Ref Val 29 5.0 25.00 1,000

0 1,000

116 98.5 104 69.7

LowLimit

69.7

133 121

Qual

Surr: BFB

Sample ID: MB-1721

SampType: MBLK

TestCode: EPA Method 8015B: Gasoline Range

Client ID: **PBS**

Batch ID: 1721

RunNo: 2448 SeqNo: 68072

Units: %REC

121

Analyte

Result

1,000

Analysis Date: 4/29/2012

SPK value SPK Ref Val %REC

LowLimit

HighLimit

%RPD **RPDLimit** Qual

Surr: BFB

Prep Date:

PQL

PQL

TestCode: EPA Method 8015B: Gasoline Range

Sample ID: LCS-1721 **LCSS** Client ID:

SampType: LCS Batch ID: 1721

RunNo: 2448

101

Prep Date:

4/27/2012

4/27/2012

Analysis Date: 4/29/2012

SeqNo: 68073

Units: %REC

%RPD

RPDLimit Qual

Analyte Surr: BFB Result 1,100 SPK value SPK Ref Val 1,000

1,000

%REC 107

LowLimit

69.7

HighLimit 121

Oualifiers:

R

Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

Analyte detected below quantitation limits RPD outside accepted recovery limits

В Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit Reporting Detection Limit

Page 6 of 7

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204945

01-May-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID: MB-1687	SampType: MBLK TestCode: EPA Method						8021B: Volat	tiles		
Client ID: PBS	Batc	Batch ID: 1687 Ru								
Prep Date: 4/25/2012	Analysis D	Analysis Date: 4/26/2012			SeqNo: 67	7197	Units: mg/K			
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								
Kylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		83.9	80	120			
Sur. 4-Biomoliuorobenzene	0.04		1.000		00.9		120			
Sample ID: LCS-1687		Гуре: LC		Tes			8021B: Volat	iles		
	Samp1	Гуре: LC h ID: 16 8	s			PA Method		iles		
Sample ID: LCS-1687	Samp1	h ID: 16	S 87	F	tCode: EF	PA Method				
Sample ID: LCS-1687 Client ID: LCSS	Samp1 Batcl	h ID: 16	S 87 26/2012	F	tCode: EF	PA Method	8021B: Volat		RPDLimit	Qual
Sample ID: LCS-1687 Client ID: LCSS Prep Date: 4/25/2012	Sampī Batci Analysis D	h ID: 16	S 87 26/2012	F	tCode: EF RunNo: 23 SeqNo: 67	PA Method 396 7198	8021B: Volat	(g	RPDLimit	Qual
Sample ID: LCS-1687 Client ID: LCSS Prep Date: 4/25/2012 Analyte	Sampī Batol Analysis D Result	h ID: 16 0 Date: 4 /	S 87 26/2012 SPK value	F S SPK Ref Val	tCode: EF RunNo: 23 SeqNo: 67 %REC	PA Method 396 7198 LowLimit	8021B: Volat Units: mg/K HighLimit	(g	RPDLimit	Qual
Sample ID: LCS-1687 Client ID: LCSS Prep Date: 4/25/2012 Analyte Benzene	Samp1 Batcl Analysis D Result 0.90	h ID: 16 0 Date: 4/ PQL 0.050	SPK value 1.000	SPK Ref Val	tCode: EF RunNo: 23 SeqNo: 67 %REC 90.5	PA Method 396 7198 LowLimit 83.3	8021B: Volate Units: mg/K HighLimit 107	(g	RPDLimit	Qual
Sample ID: LCS-1687 Client ID: LCSS Prep Date: 4/25/2012 Analyte Benzene Foluene	Samp1 Batcl Analysis D Result 0.90 0.93	PQL 0.050 0.050	SPK value 1.000	SPK Ref Val 0 0	tCode: EF RunNo: 23 SeqNo: 67 %REC 90.5 93.1	PA Method 396 7198 LowLimit 83.3 74.3	8021B: Volat Units: mg/K HighLimit 107 115	(g	RPDLimit	Qual

Sample ID: MB-1721	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch	ID: 17	21	F	RunNo: 2	448				
Prep Date: 4/27/2012	Analysis D	ate: 4/	/29/2012	\$	SeqNo: 6	8122	Units: %RE	С		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.92		1.000		92.4	80	120			

Sample ID: LCS-1721	SampT	ype: LC	s	Tes	tCode: El					
Client ID: LCSS	Batch	h ID: 17	21	F	RunNo: 2	448				
Prep Date: 4/27/2012	Analysis D)ate: 4 /	29/2012	\$	SeqNo: 6	8123	Units: %RE	С		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Q∟al
Surr: 4-Bromofluorobenzene	0.97		1.000		96.8	80	120			

Qualifiers:

R

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

Page 7 of 7

Reporting Detection Limit

Value exceeds Maximum Contaminant Level.



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

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

Sample Log-In Check List

Clio	nt Name:	Animas En	ironmental		16	iork Or	tor Nur	whee:	120494	5		
	eived by/date:	MA		NIDE	110 "	OIK OIC	701 1401	rio o i.	120454	9		
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Con	npleted By:	Michelle G	arcia / .	4/25/2012	8:27:05 AM			mu	hell Gon	ui)		
Rev	riewed By:	0	1/25/12	···			-					
<u>Cha</u>	in of Custo	<u>ody</u>	,									
1.	Were seals int	tact?				Yes		• 🗆		Present 🗹		
2.	Is Chain of Cu	istody comp	lete?			Yes	✓ N	o 🗀	Not F	Present 🛄		
3.	How was the s	sample deliv	ered?			Cour	er					
<u>Log</u>	<u>in</u>											
4.	Coolers are pr	resent? (sec	19. for coole	er specific inform	ation)	Yes	✓ N	o 🗆		na 🗆		
5.	Was an attern	pt made to	cool the samp	oles?		Yes	✓ N	o 🗆		na 🗆		
6.	Were all samp	oles receive	d at a temper	ature of >0°C to	o 6.0°C	Yes	✓ N	o 🗆		na 🗆		
7.	Sample(s) in p	oroper conta	iner(s)?			Yes	☑ N	o 🗆				
	Sufficient sam			test(s)?		Yes	☑ N	o 🗆				
9.	Are samples (except VOA	and ONG) p	roperly preserve	d?	Yes	✓ N	o 🗆				
10.	Was preservat	tive added t	o bottles?			Yes	□ N	V		NA \square		
	MOA siste to see					\			Na VO	A Vials ☑		
	VOA vials hav Were any sam			nroken?		Yes Yes		o ∐ o ☑	140 00	A AISI2 A		
	Does paperwo			JIOREII:			N			# of preserved	_	
	(Note discrepa			y)					ž.	bottles checked for pH:	ı	
14.	Are matrices of	correctly ide	ntified on Cha	in of Custody?			✓ N			-		2 unless noted)
	Is it clear what			d?			✓ N	_		Adjusted?	?	
	Were all holding (If no, notify cu)		Yes	✓ N	o ∐	1	Checked t	oy:	
Spe	<u>cial Handlir</u>	ng (If app	licable)						<u> </u>			
17.	Was client not	ified of all d	iscrepancies	with this order?		Yes	□ N	• 		NA 🗹		_
	Person N	lotified:			Date:					•		
	By Whon	n: [· · · · · · · · · · · · · · · · · · ·	Via:	_ eMai	ı 🔲 I	Phone	☐ Fax	: [] In Person	1	
	Regardin	g:										
	Client Ins	structions:										
18.	Additional rem	arks:										
10	Cooler Inform	ation										
13.	Cooler No	Temp ℃	Condition	Seal Intact	Seal No S	Seal Dat	te	Signe	ed By	_		
	1	3.6	Good	Not Present				-				

1	AL VRY					<i>.</i>		(N Jo	(, (Air Bubbles													,
	HALL ENVIRONMENTAL ANALYSTS LABORATORY	<u> </u>	109				-																#0°
		Ę	4901 Hawkins NE - Albuquerque, NM 87109	505-345-4107	_			(A	0Λ-	m92) 0728													gar.
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Turn-Around Time:	N Standard	Project Name:	Lateral	Project #:	•	Project Manager:	×	Sampler: Monas Lo	Sample-deur	Container Type and #	HorJan			>								Received by:	WHALL OF
Chain-of-Custody Record	Keris S	25000	E. Comanche		1866-		□ Level 4 (Full Validation)			Sample Request ID	le-75	Sc-38	SC-29	56-30								ed by:	Muster Weles
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Hall Environmental Analysis Laboratory
4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

April 25, 2012

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

TEL: (505) 486-1776 FAX (505) 324-2022

RE: Enterprise Lateral 2C-45 OrderNo.: 1204707

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 8 sample(s) on 4/18/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-001

Client Sample ID: SC-20

Collection Date: 4/16/2012 1:37:00 PM

Received Date: 4/18/2012 10:00:00 AM

Analyses	Result	Result RL Qual Units			Date Analyzed		
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS				Analyst: JMP		
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/19/2012 9:01:38 AM		
Surr: DNOP	97.6	77.4-131	%REC	1	4/19/2012 9:01:38 AM		
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/20/2012 1:45:41 PM		
Surr: BFB	96.0	69.7-121	%REC	1	4/20/2012 1:45:41 PM		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.49	mg/Kg	10	4/20/2012 3:32:20 AM		
Toluene	ND	0.49	mg/Kg	10	4/20/2012 3:32:20 AM		
Ethylbenzene	ND	0.49	mg/Kg	10	4/20/2012 3:32:20 AM		
Xylenes, Total	ND	0.97	mg/Kg	10	4/20/2012 3:32:20 AM		
Surr: 4-Bromofluorobenzene	91.0	80-120	%REC	10	4/20/2012 3:32:20 AM		

Matrix: SOIL

Qualifiers:

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

Page 1 of 8

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-002

Client Sample ID: SC-21

Collection Date: 4/16/2012 2:05:00 PM

Received Date: 4/18/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG				Analyst: JMP	
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/19/2012 10:06:27 AM
Surr: DNOP	97.1	77.4-131	%REC	1	4/19/2012 10:06:27 AM
EPA METHOD 8015B: GASOLINE R.	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/20/2012 3:12:09 PM
Surr: BFB	102	69.7-121	%REC	1	4/20/2012 3:12:09 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.50	mg/Kg	10	4/20/2012 4:58:36 AM
Toluene	ND	0.50	mg/Kg	10	4/20/2012 4:58:36 AM
Ethylbenzene	ND	0.50	mg/Kg	10	4/20/2012 4:58:36 AM
Xylenes, Total	ND	0.99	mg/Kg	10	4/20/2012 4:58:36 AM
Surr: 4-Bromofluorobenzene	96.4	80-120	%REC	10	4/20/2012 4:58:36 AM

Matrix: SOIL

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

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-003

Matrix: SOIL

Collection Date: 4/16/2012 2:40:00 PM Received Date: 4/18/2012 10:00:00 AM

Client Sample ID: SC-22

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	4/19/2012 10:41:02 AM
Surr: DNOP	99.2	77.4-131	%REC	1	4/19/2012 10:41:02 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/20/2012 3:40:54 PM
Surr: BFB	106	69.7-121	%REC	1	4/20/2012 3:40:54 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/20/2012 3:40:54 PM
Toluene	ND	0.048	mg/Kg	1	4/20/2012 3:40:54 PM
Ethylbenzene	ND	0.048	mg/Kg	1	4/20/2012 3:40:54 PM
Xylenes, Total	ND	0.095	mg/Kg	1	4/20/2012 3:40:54 PM
Surr: 4-Bromofluorobenzene	97.0	80-120	%REC	1	4/20/2012 3:40:54 PM

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

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-004

Client Sample ID: SC-23

Collection Date: 4/16/2012 3:20:00 PM

Received Date: 4/18/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/19/2012 11:10:52 AM
Surr: DNOP	99.8	77.4-131	%REC	1	4/19/2012 11:10:52 AM
EPA METHOD 8015B: GASOLINE RAM	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/20/2012 4:09:40 PM
Surr: BFB	106	69.7-121	%REC	1	4/20/2012 4:09:40 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/20/2012 4:09:40 PM
Toluene	ND	0.048	mg/Kg	1	4/20/2012 4:09:40 PM
Ethylbenzene	ND	0.048	mg/Kg	1	4/20/2012 4:09:40 PM
Xylenes, Total	ND	0.095	mg/Kg	1	4/20/2012 4:09:40 PM
Surr: 4-Bromofluorobenzene	96.2	80-120	%REC	1	4/20/2012 4:09:40 PM

Matrix: SOIL

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

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-005

Client Sample ID: SC-24

Collection Date: 4/16/2012 4:05:00 PM

Received Date: 4/18/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/19/2012 11:36:25 AM
Surr: DNOP	89.7	77.4-131	%REC	1	4/19/2012 11:36:25 AM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/20/2012 4:38:25 PM
Surr: BFB	102	69.7-121	%REC	1	4/20/2012 4:38:25 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/20/2012 4:38:25 PM
Toluene	ND	0.049	mg/Kg	1	4/20/2012 4:38:25 PM
Ethylbenzene	ND	0.049	mg/Kg	1	4/20/2012 4:38:25 PM
Xylenes, Total	ND	0.097	mg/Kg	1	4/20/2012 4:38:25 PM
Surr: 4-Bromofluorobenzene	94.8	80-120	%REC	1	4/20/2012 4:38:25 PM

Matrix: SOIL

Qualifiers:

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

Page 5 of 8

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-006

Matrix: SOIL

Collection Date: 4/17/2012 10:35:00 AM **Received Date:** 4/18/2012 10:00:00 AM

Client Sample ID: SC-25

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGI	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/19/2012 2:09:25 PM
Surr: DNOP	97.2	77.4-131	%REC	1	4/19/2012 2:09:25 PM
EPA METHOD 8015B: GASOLINE RAI	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/20/2012 5:07:08 PM
Surr: BFB	102	69.7-121	%REC	1	4/20/2012 5:07:08 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/20/2012 5:07:08 PM
Toluene	ND	0.049	mg/Kg	1	4/20/2012 5:07:08 PM
Ethylbenzene	ND	0.049	mg/Kg	1	4/20/2012 5:07:08 PM
Xylenes, Total	ND	0.098	mg/Kg	1	4/20/2012 5:07:08 PM
Surr: 4-Bromofluorobenzene	96.4	80-120	%REC	1	4/20/2012 5:07:08 PM

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

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-007

Client Sample ID: SC-26

Collection Date: 4/17/2012 10:45:00 AM

Received Date: 4/18/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/19/2012 2:31:21 PM
Surr: DNOP	99.6	77.4-131	%REC	1	4/19/2012 2:31:21 PM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/20/2012 5:35:50 PM
Surr: BFB	101	69.7-121	%REC	1	4/20/2012 5:35:50 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.047	mg/Kg	1	4/20/2012 5:35:50 PM
Toluene	ND	0.047	mg/Kg	1	4/20/2012 5:35:50 PM
Ethylbenzene	ND	0.047	mg/Kg	1	4/20/2012 5:35:50 PM
Xylenes, Total	ND	0.094	mg/Kg	1	4/20/2012 5:35:50 PM
Surr: 4-Bromofluorobenzene	95.3	80-120	%REC	1	4/20/2012 5:35:50 PM

Matrix: SOIL

Qualifiers:

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

Page 7 of 8

Lab Order 1204707

Date Reported: 4/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204707-008

Client Sample ID: GW-3

Collection Date: 4/17/2012 9:15:00 AM

Received Date: 4/18/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	34	5.0	μg/L	5	4/20/2012 1:42:43 AM
Toluene	34	5.0	μg/L	5	4/20/2012 1:42:43 AM
Ethylbenzene	12	5.0	μg/L	5	4/20/2012 1:42:43 AM
Xylenes, Total	97	10	μg/L	5	4/20/2012 1:42:43 AM
Surr: 4-Bromofluorobenzene	91.7	55-140	%REC	5	4/20/2012 1:42:43 AM

Matrix: AQUEOUS

Qualifiers:

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

Page 8 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204707

25-Apr-12

Client:

Animas Environmental Services

4.4

Project:

Surr: DNOP

Enterprise Lateral 2C-45

Sample ID MB-1592	Samp1	ype: MI	BLK	Tes	tCode: E	PA Method	8015B: Dies	el Range (Organics	
Client ID: PBS	Batcl	n ID: 15	92	F	RunNo: 2	225				
Prep Date: 4/18/2012	Analysis D)ate: 4/	19/2012	5	SeqNo: 6	1672	Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	9.8		10.00		97.8	77.4	131			
Sample ID LCS-1592	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015B: Dies	el Range (Organics	
Client ID: LCSS	Batch	n ID: 15	92	F	RunNo: 2	225				
Prep Date: 4/18/2012	Analysis D)ate: 4/	19/2012	\$	SeqNo: 6	1764	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.8	62.7	139			

87.6

77.4

131

5.000

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Page 9 of 8

RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204707

25-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID 5ML RB

SampType: MBLK

TestCode: EPA Method 8015B: Gasoline Range

Client ID: PB\$ Batch ID: R2243

RunNo: 2243

Prep Date:

Analysis Date: 4/19/2012

SeqNo: 62285

Units: %REC

Analyte

SPK value SPK Ref Val Result **PQL**

%REC

HighLimit

RPDLimit Qual

Surr: BFB

990

1,000

98.7 69.7

LowLimit

LowLimit

121

Sample ID MB-1584

SampType: MBLK

TestCode: EPA Method 8015B: Gasoline Range

Client ID:

Prep Date: 4/18/2012

PBS Batch ID: 1584

RunNo: 2242

Units: mg/Kg

%RPD

Analyte

Analysis Date: 4/19/2012

SPK value SPK Ref Val %REC

SeqNo: 62626

HighLimit

%RPD

Qual

Gasoline Range Organics (GRO)

Result ND

980

1,000

98.3

69.7

121

RPDLimit

Surr: BFB

LCSS

Sample ID LCS-1584 SampType: LCS

TestCode: EPA Method 8015B: Gasoline Range

28

1,100

Batch ID: 1584

PQL

5.0

RunNo: 2242

Units: mg/Kg

Analyte

Result

Analysis Date: 4/19/2012

SeqNo: 62627

%RPD

Surr: BFB

Client ID:

Prep Date:

Gasoline Range Organics (GRO)

4/18/2012

PQL

5.0

SPK value 25.00

1,000

SPK Ref Val %REC

0

LowLimit 113 98.5

69.7

HighLimit 133 **RPDLimit**

Qual

Sample ID 2.5UG GRO LCS

LCSS

SampType: LCS

Batch ID: R2243

PQL

TestCode: EPA Method 8015B: Gasoline Range

105

121

121

Prep Date: Analyte

Client ID:

Analysis Date: 4/19/2012

RunNo: 2243

SeqNo: 62867

Units: %REC HighLimit

%RPD

RPDLimit Qual

Surr: BFB

Result 1,000 SPK value SPK Ref Val 1,000

%REC 105

LowLimit 69.7

Qualifiers:

R

Е Value above quantitation range

Value exceeds Maximum Contaminant Level.

J Analyte detected below quantitation limits RPD outside accepted recovery limits

Analyte detected in the associated Method Blank B

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

RL Reporting Detection Limit

ND

Page 10 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204707

25-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID MB-1584	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batch	n ID: 15	84	F	RunNo: 2	242				
Prep Date: 4/18/2012	Analysis D)ate: 4 /	19/2012	8	SeqNo: 6	2645	Units: mg/K	(g		
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	0.92		1.000		91.7	80	120			

Sample ID LCS-1584	Sampl	ype: LC	:S	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	n ID: 15	84	F	RunNo: 2	242				
Prep Date: 4/18/2012	Analysis [)ate: 4 /	19/2012	5	SeqNo: 6	2646	Units: mg/K	ίg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.050	1.000	0	95.1	83.3	107			
Toluene	0.98	0.050	1.000	0	98.3	74.3	1 1 5			
Ethylbenzene	0.96	0.050	1.000	0	95.9	80.9	122			
Xylenes, Total	2.9	0.10	3.000	0	96.1	85.2	123			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	80	120			

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

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

^{*/}X Value exceeds Maximum Contaminant Level.

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204707

25-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID 5ML RB	SampT	уре: М	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBW	Batch	n ID: R2	243	F	RunNo: 2	243				
Prep Date:	Analysis D	Date: 4/	19/2012	5	SeqNo: 6	2889	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	21		20.00		106	55	140			

Sample ID 100NG BTEX LCS	SampT	ype: LC	:s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSW	Batch	1D: R2	243	F	RunNo: 2	243				
Prep Date:	Analysis D	ate: 4/	19/2012	S	SeqNo: 6	2890	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	80	120			
Toluene	22	1.0	20.00	0	108	80	120			
Ethylbenzene	21	1.0	20.00	0	106	80	120			
Xylenes, Total	63	2.0	60.00	0	105	80	120			
Surr: 4-Bromofluorobenzene	27		20.00		134	55	140			

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Reporting Detection Limit

RL

Page 12 of 8

^{*/}X Value exceeds Maximum Contaminant Level.



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

Clie	nt Name:	Animas Envi	ronmental			Work O	der l	Numb	ber:	1204707		
Rec	eived by/date:	AG		04/18	1/12							
Logg	ged By:	Michelle Ga	rcia	• 7	2 10:00:00	AM			mi	hell Ganer		
Con	npleted By:	Michelle Ga	rcia	4/18/2012	2 10:11:48	АМ			mi	tull General		
	iewed By: 4	0 04/1	8/12						,			
	in of Cust	,										
	Were seals in					Yes		No		Not Present	✓	
2.		ustody compl	ete?			Yes	•	No		Not Present		
3.	How was the	sample delive	ered?			Gre	/hou	<u>nd</u>				
Log	In											
		present? (see	19 for cooler	r specific infor	mation)	Yes	,	No		NA		
◄.	Occio die i	prodom: (deo	75. 101 000101	specific mon	nation	163	٠					
5.	Was an atter	mpt made to c	ool the samp	les?		Yes	~	No		NA		
6.	Were all sam	nples received	at a tempera	iture of >0° C	to 6.0°C	Yes	•	No		NA		
7.	Sample(s) in	proper contai	ner(s)?			Yes	~	No				
8.	Sufficient sar	mple volume f	or indicated t	est(s)?		Yes	.	No				
9.	Are samples	(except VOA	and ONG) pr	operly preserv	red?	Yes	~	No				
10.	Was preserv	ative added to	bottles?		,	Yes		No	✓	NA		
11	VOA vials ha	ve zero heads	space?			Yes		No		No VOA Vials	✓	
		mple containe	•	roken?		Yes		No	•			
	Does paperw	vork match bo	ttle labels?			Yes	✓	No		# of pre	served checked	
		pancies on cha	•	-		.,		.		for pH:		
		correctly iden			,	Yes		No No		Α	(<2 o djusted?	r >12 unless noted)
		at analyses w ding times able		11		Yes						
10.		customer for a)		100				Cł	necked by:	
<u>Spe</u>	cial Handi	ing (if app	<u>licable)</u>									
17.	Was client no	otified of all di	screpancies v	with this order	?	Yes		No		NA	✓ .	
	Person	Notified:	W MILLER WHEEL CO.	TO THE RESERVE TO THE PARTY OF	Date			Eurupa	eries espesie	menteral entre de la constante		
	By Who	om: [******************		Via:	eMa	ail	PI	hone	Fax Ir	Person	
	Regard		***	PART OF THE PART O					************			
	Client In	nstructions:										•
18.	Additional rea	marks:										
19.	Cooler Infor	mation										
	Cooler No		Condition	Seal Intact	Seal No	Seal Da	ate		Sign	ed By		

dard Vame: Ente Wanager: Ros Wanager: Ros Z Jar	Enterprise Lateral 2C-45 Enterprise Lateral 2C-45 For Secretary	Animas Environmental Services	I-Custoc		xy Kecora	ימוודו אואסתעבווחו					HAL	HALL ENVIRONMENTAL	ENTAL	
Frame Enterprise Lateral 2C-45 Frame	- COO	Animas Environmental Services			$\times _{c}$	X Standard	□ Rush				ANA	LYSIS LABOR	MATO	2
Wanager: Ross Kennemer Thomas Long Tar Ice — COOL X Zuar Ice — COOL	COULD COUL		<u>a.</u>	<u> </u>	₫.	Project Name:	Enterprise La	ateral 2C-45			www.	hallenvironmental.com		
Thomas Long Type Type Time Type	Date Time COULD C	lailing Address: 624 E Comanche Farmington NM								4901 Ha	Akins NE	- Albuquerque, NM 8710	60	
Thomas Long Thomas Long Thomas Long Thomas Long Type Preservative Type		Farmington, NM 87401 Project #:			Proje	₩ ₩			·····	Tel. 505	-345-397			
Nanager: Ross Kennemer Thomas Long Tar Inches Inches	- CDD	505-564-2281	505-564-2281	-2281								Analysis Request		
Thomas Long	-002 -003 -005 -005 -005 -005 -005 -005 -005	505-324-2022			Projec	Project Manager:	Ross Kennel	mer						i
Thomas Long The Preservative Type Z Jar Ice	-001 -003 -005 -005 -005 -005 -005 -005 -005	A/QC Package: Standard □ Level 4 (Full Validation)	☐ Level 4 (Full Validation)	☐ Level 4 (Full Validation)								pp-10/20		
Type Preservative Type	-002 -003 -005 -005 -005 -006 -006 -006 -006 -006				Sample	er: Thomas	Long		T kee	(
Preservative	-001 -002 -005 -005 -005 -005 -0065 -0065 -007 -005 -0065 -007 -005				i di) 				
ar Ice -001 ar Ice -002 ar Ice -005 ar Ice -005 ar Ice -005 As HCL -008 As HCL -008 As HCL -008 As HCL -008 As HCL -003 As	-001 -003 -003 -005 -005 -006 -005 -008 -008 -008 -008	Time Matrix Sample Request ID Conta	Sample Request ID		Conta	iner Type nd #	Preservative Type		X3T8 IS08	8015 DRO/				
ar loe - CD2 As HCL - CD3 As HC	- CD2 - CD4 - CO4 - CO4 - CO4 - CO4 - CO5	13:37 soil SC-20 4c	SC-20		4	oz Jar	lce	100-	×	×				
ar loe _ OD ar loe _ OO ar loe _ OO ar loe _ OO As HCL _ OO	- 005 - 005 - 0005 - 000 - 007 - 008 - 008 - 008 - 008 - 008	14:05 soil SC-21 46	SC-21		4 (z Jar	မဘု	- CO3	×	×				
ar ce	- 005 - 005 - 000 - 007 - 008 - 008 - 008 - 008	14:40 soil SC-22 4 or	SC-22		4 02	z Jar	lce	1	×	×				
ar ce - (1055 ar ce - (2001) As HCL - (2007 A	- 005 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000	15:20 soil SC-23 4 oz	SC-23		4 oz	Jar	lce		×	×				
Section	- 000s - 001 Date Time 1/1/2 537	16:05 soil SC-24 4º	SC-24		40	z Jar	ဆျ		×	×				
As HCL - COS As HCL - COS Mac Well 17/12 1537	- COS Date Time 17/12 1537 Date Time	10:35 soil SC-25 4 o	SC-25		40	ız Jar	eol		×	×				
AS HCL - CCS Date Time 1/1/12 1537	Date Time 17/12 537 12 0000	10:45 soil SC-26 46	SC-26		4 (z Jar	lce		×	×				
Date Time VIII2 1537	Date Time 17/12 1537 Date Time 12 CCC	9:15 water GW-3 3	GW-3		3	VOAs	HCL	1	×					
Date Time 17/12 1537	Date Time //1/12 1537 Date Time													
Date Time 4/17/12 1537	Date Time //1/12 1537 Date Time													
me Welk 1/1/12 1537	Date Time 1/1/12 1/537 Date Time 1/2 1/1/12													l i
The Well 17/12 1537	Date Time //1/12 /537 Date Time //2 OCC													
	Date 12	Time: Relinquished.by: 1537	" was en	" was en	Received	by: Street	Seeles	<u> </u> 2	Ren	arks: Bil	to Enterp	orise		



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

OrderNo.: 1204655

April 18, 2012

Ross Kennemer
Animas Environmental Services
624 East Comanche
Farmington, NM 87401
TEL: (505) 564-2281
FAX (505) 324-2022

RE: Enterprise Lateral 2C-45

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/17/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order **1204655**

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204655-001

Client Sample ID: SC-16

Collection Date: 4/15/2012 10:30:00 AM

Received Date: 4/17/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/17/2012 11:49:13 AM
Surr: DNOP	98.8	77.4-131	%REC	1	4/17/2012 11:49:13 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/17/2012 11:47:49 AM
Surr: BFB	104	69.7-121	%REC	1	4/17/2012 11:47:49 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.050	mg/Kg	1	4/17/2012 11:47:49 AM
Toluene	ND	0.050	mg/Kg	1	4/17/2012 11:47:49 AM
Ethylbenzene	ND	0.050	mg/Kg	1	4/17/2012 11:47:49 AM
Xylenes, Total	ND	0.10	mg/Kg	1	4/17/2012 11:47:49 AM
Surr: 4-Bromofluorobenzene	93.8	80-120	%REC	1	4/17/2012 11:47:49 AM

Matrix: SOIL

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

Lab Order 1204655

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204655-002

Client Sample ID: SC-17

Collection Date: 4/15/2012 11:02:00 AM

Received Date: 4/17/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/17/2012 12:14:21 PM
Surr: DNOP	97.3	77.4-131	%REC	1	4/17/2012 12:14:21 PM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/17/2012 1:14:03 PM
Surr: BFB	103	69.7-121	%REC	1	4/17/2012 1:14:03 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.050	mg/Kg	1	4/17/2012 1:14:03 PM
Toluene	ND	0.050	mg/Kg	1	4/17/2012 1:14:03 PM
Ethylbenzene	ND	0.050	mg/Kg	1	4/17/2012 1:14:03 PM
Xylenes, Total	ND	0.10	mg/Kg	1	4/17/2012 1:14:03 PM
Surr: 4-Bromofluorobenzene	93.3	80-120	%REC	1	4/17/2012 1:14:03 PM

Matrix: SOIL

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

Lab Order 1204655

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204655-003

Client Sample ID: SC-18

Collection Date: 4/15/2012 2:33:00 PM

Received Date: 4/17/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/17/2012 12:39:41 PM
Surr: DNOP	96.5	77.4-131	%REC	1	4/17/2012 12:39:41 PM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/17/2012 1:42:56 PM
Surr: BFB	100	69.7-121	%REC	1	4/17/2012 1:42:56 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.050	mg/Kg	1	4/17/2012 1:42:56 PM
Toluene	ND	0.050	mg/Kg	1	4/17/2012 1:42:56 PM
Ethylbenzene	ND	0.050	mg/Kg	1	4/17/2012 1:42:56 PM
Xylenes, Total	ND	0.10	mg/Kg	1	4/17/2012 1:42:56 PM
Surr: 4-Bromofluorobenzene	92.0	80-120	%REC	1	4/17/2012 1:42:56 PM

Matrix: SOIL

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

Lab Order 1204655

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Enterprise Lateral 2C-45

1204655-004 Lab ID:

Project:

Client Sample ID: SC-19

Collection Date: 4/15/2012 2:35:00 PM

Received Date: 4/17/2012 10:00:00 AM

DF Date Analyzed Analyst: JMI 1 4/17/2012 1:05:17 PM
•
1 4/17/2012 1:05:17 PM
1 4/17/2012 1:05:17 PM
Analyst: NS i
1 4/17/2012 2:11:48 PM
1 4/17/2012 2:11:48 PM
Analyst: NS I
1 4/17/2012 2:11:48 PM

Matrix: SOIL

Qualifiers:

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

Spike Recovery outside accepted recovery limits

- RPD outside accepted recovery limits

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

RLReporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Enterprise Lateral 2C-45

WO#:

1204655

18-Apr-12

Client: Animas Environmental Services

Project:

Sample ID MB-1555 SampType: MBLK TestCode: EPA Method 8015B: Diesel Range Organics

Client ID: **PBS** Batch ID: 1555 RunNo: 2155

Analysis Date: 4/17/2012 SeqNo: 60400 Units: mg/Kg Prep Date: 4/17/2012

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

Diesel Range Organics (DRO) ND 10

10.00 106 77.4 131 Surr: DNOP 11

TestCode: EPA Method 8015B: Diesel Range Organics Sample ID LCS-1555 SampType: LCS

Client ID: LCSS Batch ID: 1555 RunNo: 2155

Prep Date: 4/17/2012 Analysis Date: 4/17/2012 SeqNo: 60401 Units: mg/Kg

%REC HighLimit %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val LowLimit Qual Diesel Range Organics (DRO) 55 10 50.00 109 62.7 139

Surr: DNOP 4.5 5.000 90.8 77.4 131

Sample ID 1204532-001AMS SampType: MS TestCode: EPA Method 8015B: Diesel Range Organics

Client ID: Batch ID: 1530 RunNo: 2155 **BatchQC**

Analysis Date: 4/17/2012 SeqNo: 60424 Units: %REC Prep Date: 4/13/2012

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

4.5 5.015 90.3 77.4 131 Surr: DNOP

Sample ID 1204582-001AMS SampType: MS TestCode: EPA Method 8015B: Diesel Range Organics

RunNo: 2194 Client ID: Batch ID: 1555 **BatchQC**

Analysis Date: 4/18/2012 SeqNo: 61126 Units: mg/Kg Prep Date: 4/17/2012

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

Diesel Range Organics (DRO) 130 9.9 49.50 70.58 120 57.2 146 Surr: DNOP 4.950 118 77.4 131 5.8

Sample ID 1204582-001AMSD TestCode: EPA Method 8015B: Diesel Range Organics SampType: MSD

Batch ID: 1555 RunNo: 2194 Client ID: **BatchQC**

Prep Date: 4/17/2012 Analysis Date: 4/18/2012 SeqNo: 61142 Units: mg/Kg

%REC HighLimit %RPD **RPDLimit** Qual Analyte Result **PQL** SPK value SPK Ref Val LowLimit 26.7 Diesel Range Organics (DRO) 120 9.8 48.97 70.58 104 57.2 146 6.92 0 Surr: DNOP 5.4 4.897 110 77.4 131 0

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Page 5 of 4

Value exceeds Maximum Contaminant Level.

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204655

18-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID 5ML RB	SampT	уре: М	BLK	Tes	tCode: El	PA Method	8015B: Gaso	line Rang	e	
Client ID: PBS	Batch	n ID: R2	2171	F	RunNo: 2	171				
Prep Date:	Analysis D	ate: 4/	/17/2012	8	SeqNo: 6	0466	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1,000		98.8	69.7	121			
Sample ID 1204655-001AMS	SampT	ype: M	S	Tes	tCode: El	PA Method	8015B: Gaso	oline Rang	e	
Client ID: SC-16	Batch	n ID: R2	2171	F	RunNo: 2	171				
Duan Data:	A i F		47/0040		Saabla. C	4400	Limiter manufit			

Prep Date:	Analysis D	Date: 4/1	17/2012	8	SeqNo: 6	1136	Units: mg/l	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	17.17	2.912	94.8	85.4	147			
Surr: BFB	750		686.9		109	69.7	121			
Sample ID 1204655-001AMS	SD Samp1	Гуре: МЅ	D	Tes	tCode: E	PA Method	8015B: Gaso	oline Rang	je	
Client ID: SC-16	Ratcl	h ID: R21	171	F	RunNo: 2	171				

Client ID: SC-16	Batch	1D: R2	171	F	RunNo: 2	171				
Prep Date:	Analysis D	ate: 4/	17/2012	8	SeqNo: 6	1137	Units: mg/F	ίg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	17.17	2.912	96.2	85.4	147	1.21	19.2	
Surr: BFB	750		686.9		109	69.7	121	0	0	

Sample ID 2.5UG GRO LCSE	3 SampT	ype: LC	S	Tes	tCode: El	PA Method	8015B: Gaso	line Rang	e	
Client ID: LCSS	Batch	ID: R2	171	F	RunNo: 2	171				
Prep Date:	Analysis D	ate: 4/	17/2012	S	SeqNo: 6	1139	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	98.5	133			
Surr: BFB	1,100		1,000		108	69.7	121			

Qualifiers:

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

- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit Reporting Detection Limit

RL

Page 6 of 4

Value exceeds Maximum Contaminant Level. */X

Hall Environmental Analysis Laboratory, Inc.

WO#: **1204655**

18-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

rroject:	Enterprise	Lateral 2	.C-43								
Sample ID	5ML RB	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID:	PBS	Batch	n ID: R2	171	F	RunNo: 2	171				
Prep Date:		Analysis D)ate: 4/	17/2012	S	SeqNo: 6	0474	Units: mg/K	ζg		
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-Brom	ofluorobenzene	0.92		1.000		91.8	80	120			
Sample ID	100NG BTEX LCS	SampT	ype: LC	s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batch	n ID: R2	171	F	RunNo: 2	171				
Prep Date:		Analysis D)ate: 4/	17/2012	5	SeqNo: 6	1143	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.98	0.050	1.000	0	98.4	83.3	107			
Toluene		0.99	0.050	1.000	0	99.2	74.3	115			
Ethylbenzene		0.98	0.050	1.000	0	97.7	80.9	122			
Xylenes, Total		3.0	0.10	3.000	0	98.7	85.2	123			
Surr: 4-Brom	ofluorobenzene	0.97		1.000		97.3	80	120		****	
Sample ID	1204655-002AMS	SampT	уре: М \$	 3	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	SC-17	Batch	n ID: R2	:171	F	RunNo: 2	171				
Prep Date:		Analysis D	Date: 4/	17/2012	5	SeqNo: 6	1144	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.91	0.050	1.000	0.003847	91.1	67.2	113			
Toluene		0.94	0.050	1.000	0	93.6	62.1	116			
Ethylbenzene		0.94	0.050	1.000	0.004984	93.1	67.9	127			
Xylenes, Total		2.8	0.10	3.000	0	92.6	60.6	134			
Surr: 4-Brom	ofluorobenzene	0.96		1.000		96.2	80	120			
Sample ID	1204655-002AMSI) SampT	ype: MS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	SC-17	Batch	n ID: R2	171	F	RunNo: 2	171				
Prep Date:		Analysis D)ate: 4/	17/2012	5	SeqNo: 6	1145	Units: mg/f	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.90	0.050	1.000	0.003847	89.3	67.2	113	2.00	14.3	
		0.00	0.050	4.000		00.4	00.4	440	0.500	45.0	

Qualifiers:

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

0.050

0.050

0.10

0.93

0.93

2.8

0.99

1.000

3.000

1.000

1.000 0.004984

- E Value above quantitation range
- J Analyte detected below quantitation limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

93.1

92.9

93.8

99.2

0

62.1

67.9

60.6

116

127

134

120

0.530

0.211

1.30

Page 7 of 4

15.9

14.4

12.6

^{*/}X Value exceeds Maximum Contaminant Level.



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-410/ Website: www.hallenvironmental.com

Sample Log-In Check List

Client	Name:	Animas Env	/ironmental			Work Ord	der Nur	nber: 1	204655			
Recei	ived by/date:_		AT 09	1/17/12								
Logge	ed By:	Anne Thom	ne	4/17/2012	10:00:00 A	M		Ann	I.			
Comp	oleted By:	Anne Thorr	10	4/17/2012	:			an	J			
Revie	wed By:	MG		04/17/	/2							
<u>Chall</u>	n of Custo	<u>dy</u>		, ,				_				
1. V	Vere seals int	act?					✓ N			esent 🗌		
2. l	s Chain of Cu	stody comp	lete?			Yes	✓ N	о U	Not Pro	esent 🗌		
3. F	low was the s	ample deliv	vered?			Cour	<u>ier</u>					
Log l	<u>In</u>											
4. 0	Coolers are pr	esent? (see	19. for cooler	r specific infor	nation)	Yes	✓ N	• 		NA 🗆		
5. V	Vas an attem	pt made to	cool the samp	les?		Yes	☑ N	• 		na \square		
6. V	Vere all samp	les receive	d at a tempera	iture of >0° C	to 6.0°C	Yes	☑ N	o 🗆		NA 🗆		
7. S	Sample(s) іл р	proper conta	iner(s)?			Yes	✓ N	o 🗆				
8. 8	Sufficient sam	ple volume	for indicated t	est(s)?		Yes	✓ N	o 🗌				
9. A	Are samples (except VOA	and ONG) pr	operly preserv	ed?	Yes	✓ N	o 🗆				
10. V	Vas preserva	tive added t	o bottles?			Yes	□ N	o 🗹		NA \square		
11. V	/OA vials hav	e zero head	ispace?			Yes	□ N		No VOA	Vials ⊻		
12. V	Vere any sarr	nple contain	ers received b	roken?		Yes		o 🗹	<u> </u>			
	Does paperwo Note discrepa		ottle labels? nain of custody	()		Yes	V N	• 🗆	bo	of preserved ottles checked or pH:		
14. A	Are matrices o	correctly ide	ntified on Cha	in of Custody?		Yes	✓ N	• 		•	2 or >12	unless noted)
15. k	s it clear wha	t analyses v	vere requested	! ?		Yes	⊘ N	o 🔲		Adjusted?		
			le to be met? authorization.)		Yes	✓ N	o 🗀		Checked by	r:	
Spec	ial Handilı	ng (if app	ilicable)									
17. V	Vas client not	ified of all d	liscrepancies \	with this order	?	Yes	□ N	o 🗹		NA 🗆		
	Person N	lotified:		2	Date							
	By Whor	n:			Via:	eMa	il 🗌	Phone	Fax	In Person		
	Regardin	ıg:										
	Client Ins	structions:							v*1			
18. <i>F</i>	Additional rem	arks:										
19. ⊆	Cooler Inform	nation										
	Cooler No	Temp ℃	Condition	Seal Intact	Seal No	Seal Da	ite	Sign	ed By			
	1	1.0	Good	Yes			L			J		

ANALYSIS LABORATORY ANALYSIS Environmental Services	Scholor	
Project Name: Enterprise Lateral 2C-45	Famington NM Famington NM Famington NM Project Name: 505-564-2281 Project #:	
Signature Script	Farmington, NM 87401	
Faminglon, NM 87401 Project Manager: Ross Kennemer Sign-Sub-107	Farmington, NM 87401	4901 Hawkins NE - Albuquerque, NM 87109
Cote-5224-2022 Container Tromas Long Container Tromas Long Cote-524-2022 Container Tromas Long Cote-524-2022 Container Tromas Long Cote-5224-2022 Container Tromas Long Cote-5224-2022 Container Tromas Long Cote-5224-2022	505-564-2281 505-324-2022 Cother Cother Cother Sample Request ID	
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Cother Cother Sample Request ID Corntinue Long Sample Thomas Long Sample Request ID Corntinue Matrix Sample Request ID Sample Time Sample Request ID Sample Time Sample Time Sample Matrix Sample Time Sample	Container Thomas	ler
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Cother Sample Request D Container Type Preservative Type Preservative Type Preservative Type Preservative Type	Container Thomas Container Type	
Time Matrix Sample Request ID Container Type Preservative Type Ty	Time Matrix Sample Request ID and # 10:30 soil SC-16 2 20 ml VOAs/4 oz Jar 14:35 soil SC-19 2 20 ml VOAs/4 oz Jar 14:35 soil SC-19 2 20 ml VOAs/4 oz Jar 14:35 soil SC-19 2 20 ml VOAs/4 oz Jar	
17.02 Soil SC-16 2.20 ml/VOs46 oz LeafMethanol COTA X X X X X X X X X	Time Matrix Sample Request ID Container Type and # 10:30 soil SC-16 2 20 ml VOAs/4 oz Jar 14:35 soil SC-18 2 20 ml VOAs/4 oz Jar 14:35 soil SC-19 2 20 ml VOAs/4 oz Jar 14:35 soil SC-19 2 20 ml VOAs/4 oz Jar 14:35 soil SC-19 2 20 ml VOAs/4 oz Jar	
SOII SC-16 2.20 mi VOAs44 oz IzerMethanol ———————————————————————————————————	30 soil SC-16 2 20 mi VOAs/4 oz Jar Jar 32 soil SC-17 2 20 mi VOAs/4 oz Jar 32 soil SC-18 2 20 mi VOAs/4 oz Jar 35 soil SC-19 2 20 mi VOAs/4 oz Jar 35 soil SC-19 2 20 mi VOAs/4 oz Jar 35 soil SC-19 3 20 mi VOAs/4 oz Jar 36 soil SC-19 3 20 mi VOAs/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS/4 oz Jar 37 soil SC-19 3 20 mi VOAS)(O저디 라이8
Soil SC-17 2.20 ml VOAS/4 oz Cer/Methanol — — — — — — — — — — — — — — — — — —	33 soil SC-17 2 20 ml VOAs/4 oz Jar Jar 35 soil SC-18 2 20 ml VOAs/4 oz Jar 35 soil SC-19 2 20 ml VOAs/4 oz Jar 35 soil SC-19 2 20 ml VOAs/4 oz Jar 36 soil SC-19 3 soil SC-19 soil SC-19 3	×
Soil SC-18 2 20 mi VOAsi4 oz ice/Methanol ————————————————————————————————————	33 soil SC-18 2 20 mi VOAs/4 oz Jar	×
Soil SC-19 220 ml VOAs/4 oz ice/Methanol ————————————————————————————————————	35 soil SC-19 2 20 ml VOAs/4 oz Jar	×
Relinquished by: Relinquished by: Relinquished by: Received by: Receiv		×
Relinquished by: Received by: R		
Relinquished by: Received by:		
Relinquished by: Received by:		
Relinquished by: Received by:		
Relinquished by: Monned Leary Received by:		
Relinquished by: Monned Jacoy Received by:		
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Relinquished by: Monned Leary Methy Math Math May Mello 1649 Received by: Received by: Received by: Man Coffee Time		
Religioushed by:	Relinquished by:	640
	Religioushed by:	Date Time 1800



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

April 18, 2012

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

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

RE: Enterprise Lateral 2C-45 OrderNo.: 1204539

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/13/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1204539

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204539-001

Client Sample ID: SC-10

Collection Date: 4/12/2012 8:50:00 AM

Received Date: 4/13/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	14	10	mg/Kg	1	4/16/2012 9:59:09 AM
Surr: DNOP	108	77.4-131	%REC	1	4/16/2012 9:59:09 AM
EPA METHOD 8015B: GASOLINE R	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/16/2012 11:39:18 PM
Surr: BFB	101	69.7-121	%REC	1	4/16/2012 11:39:18 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/16/2012 11:39:18 PM
Toluene	ND	0.048	mg/Kg	1	4/16/2012 11:39:18 PM
Ethylbenzene	ND	0.048	mg/Kg	1	4/16/2012 11:39:18 PM
Xylenes, Total	ND	0.097	mg/Kg	1	4/16/2012 11:39:18 PM
Surr: 4-Bromofluorobenzene	95.8	80-120	%REC	1	4/16/2012 11:39:18 PM

Matrix: SOIL

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

Lab Order 1204539

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204539-002

Co

Matrix: SOIL

Collection Date: 4/12/2012 10:06:00 AM

Client Sample ID: SC-11

Received Date: 4/13/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS			·i.	Analyst: JMP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/16/2012 5:29:09 PM
Surr: DNOP	103	77.4-131	%REC	1	4/16/2012 5:29:09 PM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/17/2012 12:07:59 AM
Surr: BFB	101	69.7-121	%REC	1	4/17/2012 12:07:59 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/17/2012 12:07:59 AM
Toluene	ND	0.049	mg/Kg	1	4/17/2012 12:07:59 AM
Ethylbenzene	ND	0.049	mg/Kg	1	4/17/2012 12:07:59 AM
Xylenes, Total	ND	0.098	mg/Kg	1	4/17/2012 12:07:59 AM
Surr: 4-Bromofluorobenzene	95.6	80-120	%REC	1	4/17/2012 12:07:59 AM

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

Lab Order 1204539

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204539-003

Client Sample ID: SC-12

Collection Date: 4/12/2012 10:58:00 AM

Received Date: 4/13/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/16/2012 11:07:56 AM
Surr: DNOP	101	77.4-131	%REC	1	4/16/2012 11:07:56 AM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/17/2012 12:36:39 AM
Surr: BFB	102	69.7-121	%REC	1	4/17/2012 12:36:39 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/17/2012 12:36:39 AM
Toluene	ND	0.049	mg/Kg	1	4/17/2012 12:36:39 AM
Ethylbenzene	ND	0.049	mg/Kg	1	4/17/2012 12:36:39 AM
Xylenes, Total	ND	0.098	mg/Kg	1	4/17/2012 12:36:39 AM
Surr: 4-Bromofluorobenzene	96.2	80-120	%REC	1	4/17/2012 12:36:39 AM

Matrix: SOIL

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

Lab Order 1204539

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204539-004

Matrix: SOIL

Collection Date: 4/12/2012 11:15:00 AM

Client Sample ID: SC-13

Received Date: 4/13/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/16/2012 11:29:15 AM
Surr: DNOP	107	77.4-131	%REC	1	4/16/2012 11:29:15 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/17/2012 1:05:19 AM
Surr: BFB	102	69.7-121	%REC	1	4/17/2012 1:05:19 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.050	mg/Kg	1	4/17/2012 1:05:19 AM
Toluene	ND	0.050	mg/Kg	1	4/17/2012 1:05:19 AM
Ethylbenzene	ND	0.050	mg/Kg	1	4/17/2012 1:05:19 AM
Xylenes, Total	ND	0.10	mg/Kg	1	4/17/2012 1:05:19 AM
Surr: 4-Bromofluorobenzene	96.4	80-120	%REC	1	4/17/2012 1:05:19 AM

Qualifiers:

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

Page 4 of 9

Lab Order 1204539

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204539-005

Client Sample ID: SC-14

Collection Date: 4/12/2012 11:20:00 AM

Received Date: 4/13/2012 9:45:00 AM

Analyses	Result	RL Qu	ial Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/16/2012 12:12:08 PM
Surr: DNOP	100	77.4-131	%REC	1	4/16/2012 12:12:08 PM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/17/2012 1:34:07 AM
Surr: BFB	103	69.7-121	%REC	1	4/17/2012 1:34:07 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/17/2012 1:34:07 AM
Toluene	ND	0.048	mg/Kg	1	4/17/2012 1:34:07 AM
Ethylbenzene	ND	0.048	mg/Kg	1	4/17/2012 1:34:07 AM
Xylenes, Total	ND	0.096	mg/Kg	1	4/17/2012 1:34:07 AM
Surr: 4-Bromofluorobenzene	96.6	80-120	%REC	1	4/17/2012 1:34:07 AM

Matrix: SOIL

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

Lab Order 1204539

Date Reported: 4/18/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Enterprise Lateral 2C-45

Lab ID: 1204539-006

Project:

Client Sample ID: SC-15

Collection Date: 4/12/2012 11:55:00 AM

Received Date: 4/13/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/16/2012 12:33:21 PM
Surr: DNOP	98.4	77.4-131	%REC	1	4/16/2012 12:33:21 PM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/17/2012 2:02:53 AM
Surr: BFB	102	69.7-121	%REC	1	4/17/2012 2:02:53 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/17/2012 2:02:53 AM
Toluene	ND	0.048	mg/Kg	1	4/17/2012 2:02:53 AM
Ethylbenzene	ND	0.048	mg/Kg	1	4/17/2012 2:02:53 AM
Xylenes, Total	ND	0.095	mg/Kg	1	4/17/2012 2:02:53 AM
Surr: 4-Bromofluorobenzene	96.4	80-120	%REC	1	4/17/2012 2:02:53 AM

Matrix: SO1L

Qualifiers: */X Value exceeds Maximum Contaminant Level.

> Value above quantitation range E

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

Spike Recovery outside accepted recovery limits

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

RLReporting Detection Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#:

1204539

18-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID MB-1530

SampType: MBLK

TestCode: EPA Method 8015B: Diesel Range Organics

Client ID: PBS Batch ID: 1530

RunNo: 2143

Prep Date: 4/13/2012

Units: mg/Kg

Analysis Date: 4/16/2012

SeqNo: 59548

Analyte

PQL 10 ND

SPK value SPK Ref Val %REC LowLimit

RPDLimit Qual

Diesel Range Organics (DRO) Surr: DNOP

10.00

99.2

131

HighLimit

Sample ID LCS-1530

SampType: LCS

9.9

TestCode: EPA Method 8015B: Diesel Range Organics

%RPD

Client ID: LCSS

Batch ID: 1530

RunNo: 2143

LowLimit

Units: mg/Kg

Prep Date: Analyte

4/13/2012

Analysis Date: 4/16/2012

SeqNo: 59549

HighLimit

Diesel Range Organics (DRO)

Result 36 SPK value SPK Ref Val 50.00

72.8

%REC

62.7

139

%RPD **RPDLimit** Qual

Surr: DNOP

10 4.4 5.000

0

87.5

77.4

77.4

131

Qualifiers:

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

Page 7 of 9

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204539

18-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID MB-1523	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015B: Gaso	line Rang	е		
Client ID: PB\$	Batch	ID: 15	23	R	RunNo: 2	146					
Prep Date: 4/13/2012 Analysis Date: 4/16/2012 SeqNo: 59997 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	1,000		1,000		101	69.7	121				

Sample ID LCS-1523	Samp T	ype: LC	s	Tes	tCode: E	PA Method	8015B: Gaso	oline Rang	е	
Client ID: LCSS	Batch	1D: 15	23	F	RunNo: 2	146				
Prep Date: 4/13/2012	Analysis D	ate: 4/	16/2012	S	SeqNo: 5	9998	Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	116	98.5	133			
Surr: BER	1 100		1 000		108	69.7	121			

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 8 of 9

RL Reporting Detection Limit

^{*/}X Value exceeds Maximum Contaminant Level.

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204539 18-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID MB-1523	Samp1	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles			
Client ID: PBS	Batcl	n ID: 15	23	F	RunNo: 2	146					
Prep Date: 4/13/2012	Analysis D)ate: 4 /	16/2012	S	SeqNo: 6	0070	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	0.96		1.000		96.2	80	120				

Sample ID LCS-1523	Samp	Гуре: LC	s	Tes						
Client ID: LCSS	Batc	h ID: 15	23	F	RunNo: 2	146				
Prep Date: 4/13/2012	Analysis [Date: 4 /	16/2012	S	SeqNo: 6	0071	Units: mg/k			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.050	1.000	0	92.0	83.3	107			
Toluene	0.94	0.050	1.000	0	94.4	74.3	115			
Ethylbenzene	0.94	0.050	1.000	0	93.8	80.9	122			
Xylenes, Total	2.8	0.10	3.000	0	94.8	85.2	123			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.9	80	120			

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

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

^{*/}X Value exceeds Maximum Contaminant Level.



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

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

Sample Log-In Check List

	nt Name: Animas Environme	ntal Out (2) (2)	Work Order	Number: 12	204539	
Rece	eived by/date: A	04/15/12		.		
Logg	ged By: Michelle Garcia	4/13/2012 9:45:00 AN	Л	Muha	U Gruis U Gruis	
Com	pleted By: Michelle Garcia	4/13/2012 10:27:49 A	M	Mich	th Garie	
Revi	iewed By:	04/13/12				
<u>Cha</u>	in 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	<u>In</u>					
4.	Coolers are present? (see 19. for	cooler specific information)	Yes 🗹	No 🗆	NA \square	
5.	Was an attempt made to cool the	samples?	Yes 🗹	No 🗆	na 🗆	
6.	Were all samples received at a to	emperature of >0° C to 6.0°C	Yes 🗹	No 🗆	NA \square	
7.	Sample(s) in proper container(s)?	,	Yes 🗹	No 🗆		
8.	Sufficient sample volume for indi	cated test(s)?	Yes 🗹	No \square		
9.	Are samples (except VOA and O	NG) properly preserved?	Yes 🗹	No \square		
10.	Was preservative added to bottle	s?	Yes 🗌	No 🗹	NA 🗆	
11.	VOA vials have zero headspace?	r	Yes 🗌	No 🗆 N	No VOA Vials 🗹	
12.	Were any sample containers rec	eived broken?	Yes	No 🗹		
	Does paperwork match bottle lab (Note discrepancies on chain of c		Yes 🗹	No 🗌	# of preserved bottles checked for pH:	
14.	Are matrices correctly identified of	on Chain of Custody?	Yes 🗹	No 🗆		r >12 unless noted)
	Is it clear what analyses were rec		Yes 🗹		Adjusted?	
	Were all holding times able to be (if no, notify customer for author):		Yes 🗹	No ∟i	Checked by:	
Spe	cial Handling (If applicabl	<u>(e)</u>				
17.	Was client notified of all discrepa	ncies with this order?	Yes 🗌	No 🗆	NA 🗹	
	Person Notified:	Date:				
	By Whom:	Via:	☐ eMail [Phone [Fax In Person	_
	Regarding:					
	Client Instructions:					
18.	Additional remarks:					
19.		dition Seal Intact Seal No	Seal Date	Signed	i By	
	1 1.3 Good	Yes				

FNTAI	ATORY	1 1 1 1	6						VIN			eelddug riA										
ENVIDONMENTAL	LABOR	ental.com	Albuquerque, NM 87109	505-345-4107	equest																	-
	ANALYSIS LABORATORY	www.hallenvironmental.com			Analysis Request																	erprise
	N N	WW .	4901 Hawkins NE	Tel. 505-345-3975																		Remarks: Bill to Enterprise
			4	_						0		8021 BTEX 8015 DRO\	× ×	××	×	×	×	×				Remar
	ļ,	Enterprise Lateral 2C-45				emer						ever the second	100-	- 003	-003	H00-	-005	e100-				U/2/12 / 1/e/7
i	□ Rush	Enterprise				Ross Kennemer			mas Long			Preservative Type	əol	lce	lce	eci	lce	lce				Jacken,
· • • • • • • • • • • • • • • • • • • •	X Standard	Project Name:		Project #:		Project Manager:			Sampler: Thomas			Container Type and #	4 oz Jar				Received by: Whith Received by:					
Citatit-Ot-Custouy Record	Animas Environmental Services		624 E Comanche Farmington NM	Farmington, NM 87401	2281	2022		□ Level 4 (Full Validation)				Sample Request ID	SC-10	SC-11	SC-12	SC-13	SC-14	SC-15				shad by:
1-Cust	:nvironme		624 E Cor	Farmingto	505-564-2281	505-324-2022				□ Other		Matrix	Soil	Soil	Soil	Soil	Soil	Soil				Relinquished by:
ומונו-ט	Animas E		ress:			#	age:		. <u>.</u>	**************************************	(be)	Time	8:50	10:06	10:58	11:15	11:20	11:55				Time:
5	ent:		ailing Address:		one #:	hail or Fax#	VQC Package:	Standard	creditation:	NELAP	EDD (Type)	Date	12/2012	12/2012	12/2012	12/2012	12/2012	12/2012				te: 13-73 te:



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

April 12, 2012

Ross Kennemer Animas Environmental Services 624 East Comanche Farmington, NM 87401 TEL: (505) 564-2281

FAX (505) 324-2022

RE: Enterprise Lateral 2C-45 OrderNo.: 1204490

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/12/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1204490

Date Reported: 4/12/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204490-001

Client Sample ID: GW-2

Collection Date: 4/11/2012 9:10:00 AM

Received Date: 4/12/2012 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES S	HORT LIST				Analyst: RAA
Benzene	60	5.0	μg/L	5	4/12/2012 1:16:43 PM
Toluene	6.6	5.0	μg/L	5	4/12/2012 1:16:43 PM
Ethylbenzene	ND	5.0	μg/L	5	4/12/2012 1:16:43 PM
Xylenes, Total	ND	10	μg/L	5	4/12/2012 1:16:43 PM
Surr: 1,2-Dichloroethane-d4	85.1	70-130	%REC	5	4/12/2012 1:16:43 PM
Surr: 4-Bromofluorobenzene	97.4	70-130	%REC	5	4/12/2012 1:16:43 PM
Surr: Dibromofluoromethane	83.4	69.8-130	%REC	5	4/12/2012 1:16:43 PM
Surr: Toluene-d8	87.9	70-130	%REC	5	4/12/2012 1:16:43 PM

Matrix: AQUEOUS

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

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204490

12-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID 5ml-rb	SampT	ype: ME	BLK	TestCode: EPA Method 8260: Volatiles Short List										
Client ID: PBW	Batch	1D: R2	088	F	RunNo: 20	088								
Prep Date:	Analysis D	ate: 4/	12/2012	S	SeqNo: 5	8017	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene	ND	1.0			- 100									
Toluene	ND	1.0												
Ethylbenzene	ND	1.0												
Xylenes, Total	ND	2.0												
Surr: 1,2-Dichloroethane-d4	8.6		10.00		85.9	70	130							
Surr: 4-Bromofluorobenzene	9.4		10.00		93.9	70	130							
Surr: Dibromofluoromethane	8.5		10.00		85.3	69.8	130							
Surr: Toluene-d8	9.1		10.00		91.0	70	130							

Sample ID 100ng Ics	SampT	SampType: LCS		TestCode: EPA Method 8260: Volatiles Short List							
Client ID: LCSW	Batch ID: R2088 Analysis Date: 4/12/2012			RunNo: 2088							
Prep Date:				SeqNo: 58019			Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	19	1.0	20.00	0	93.9	84.1	126				
Toluene	20	1.0	20.00	0	100	80	120				
Surr: 1,2-Dichloroethane-d4	8.2		10.00		81.9	70	130				
Surr: 4-Bromofluorobenzene	9.2		10.00		92.1	70	130				
Surr: Dibromofluoromethane	7.8		10.00		78.5	69.8	130				
Surr: Toluene-d8	9.1		10.00		90.6	70	130				

- E Value above quantitation range
- J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting LimitRL Reporting Detection Limit
- Page 2 of 2

^{*/}X Value exceeds Maximum Contaminant Level.



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Clie	nt Name:	Animas Environme	ntal W	ork Order N	lumber:	120449	90			
Rec	eived by/date	ATOG	112/12 LM							
Log	ged By:	Anne Thorne	4/12/2012 10:00:00 AM	I	am	u	_			
	npleted By:	Anne Thorne	4/12/2012		1	u				
	riewed By:	AT 04/12			Um	u N-	_			
Ĺ <u></u>	in of Cust		-1/-							
				Yes 🗌	No 🗆	Not	Present 🗹			
_	1. Were seals intact?			Yes 🗹			Present			
	Is Chain of Custody complete? How was the sample delivered?			Courier			. , , , , , , , , , , , , , , , , , , ,			
J.		, , , , , , , , , , , , , , , , , , ,								
<u>Log</u>	<u>in</u>									
4.	Coolers are	present? (see 19. for	cooler specific information)	Yes 🗹	No 🗌		NA 🗀			
_				, F7	Na 🖂		,,, m			
5.	vvas an atte	mpt made to cool the	samples?	Yes 🗹	INO L		na 🗆			
6.	Were all san	mnles received at a te	mperature of >0° C to 6.0°C	Yes 🗹	No 🗀		NA 🗆			
U.	TTOIC all Sail	iipios rodoiros ar a to	imporature or 9 to to 0.0 to	100 🖭	,.•					
7.	Sample(s) in	n proper container(s)?		Yes 🗹	No 🗆					
8.	Sufficient sa	ımple volume for indic	ated test(s)?	Yes 🗹	No 🗆					
9.	Are samples	s (except VOA and ON	IG) property preserved?	Yes 🗹	No \square					
10.	Was preserv	vative added to bottles	s?	Yes 🗌	No 🗹		na 🗆	ΔÜ		
				😾		N1 - N 66	24.15.45	JOAS	have her	.dsx
		ave zero headspace?		Yes T		NO V	OA Vials	AT	04112/12	_
•		ample containers rece		Yes ✓		ŀ	# of preserve	d		
13.	13. Does paperwork match bottle labels?(Note discrepancies on chain of custody)			163			bottles check for pH:	ed		
14.	1. Are matrices correctly identified on Chain of Custody?			Yes 🗹	No 🗌		ю ри	(<2 or >12	unless noted)	
15.	Is it clear what analyses were requested?		Yes 🗹	No 🗌		Adjuste	ed?			
	6. Were all holding times able to be met?			Yes 🗹	No 🗌					
	•	customer for authoriz	•				Checke	d by:		
		ilng (if applicable	_				🗖			
17.	Was client n	otified of all discrepar	icles with this order?	Yes 🗆	No L		NA 🗹		1	
	Person	Notified:	Date		7.207					
	By Who	om:	Via: [eMail [] Phone	☐ Fa	x In Pers	on		
	Regard	ling:								
	Client Is	nstructions:								
18	Additional re	marks:							•	
19.	Cooler Infor	<u>rmation</u>								
	Cooler No	Temp °C Condi	ition Seal Intact Seal No S	Seal Date	Sign	ed By				

4.9

Good

Yes

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FNVTRONMENTAL	ANALYSIS LABORATORY																					
Σ	Ă		7109	77																		
Z	180	EOM.	4901 Hawkins NE - Albuquerque, NM 87109	505-345-4107	est										_	<u> </u>				-		
Ţ	7	www.hallenvironmental.com	erque,	505-34	Analysis Request]	
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	ame Day	teral 2C-4				her			ed reach, in this person to more												Pate /////L Date	Juliale
	X Rush Same Day	Enterprise Lateral 2C-45				er: Ross Kennemer			ong			Preservative Type	HCL									W W
ישוווי אוואסיוטידוווים.	□ Standard	Project Name: E		Project #:		Project Manager: F			Sampler: Thomas Long			Container Type Fand #	3 VOAs								Regeived by: Mutho	AN COM
	se	<u></u>	mington NM			ū.		☐ Level 4 (Full Validation)	O) B			Sample Request ID	GW-2									My Whilese
onain-or-custody Record	Animas Environmental Services		624 E Comanche Farmington NM	Farmington, NM 87401	2281	2022		☐ Level 4 (Sample									elinquished by: Mana Lag Elinquished by:	Lecte
I-Cust	nvironme		624 E Co	Farmingt	505-564-2281	505-324-2022						Matrix	water								Relinquished by:	JAN.
o-uiet	Animas E		ress:			#	age:		j:	100) (90	Time	9:10								Time:	1747
5	ent:		iling Address:		one #:	ail or Fax#:	/QC Package:	Standard	creditation:		EDD (1996)	Date	11/2012								e: 17-13	111



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 19, 2012

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

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

RE: Enterprise Lateral 2C-45 OrderNo.: 1204432

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 7 sample(s) on 4/11/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1204432

Date Reported: 4/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Enterprise Lateral 2C-45 **Project:**

Lab ID:

1204432-001 Matrix: SOIL Client Sample ID: SC-1 Collection Date: 4/9/2012 1:35:00 PM

Received Date: 4/11/2012 10:05:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/13/2012 8:06:13 AM
Surr: DNOP	99.7	77.4-131	%REC	1	4/13/2012 8:06:13 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/13/2012 6:45:41 PM
Surr: BFB	101	69.7-121	%REC	1	4/13/2012 6:45:41 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.047	mg/Kg	1	4/13/2012 6:45:41 PM
Toluene	ND	0.047	mg/Kg	1	4/13/2012 6:45:41 PM
Ethylbenzene	ND	0.047	mg/Kg	1	4/13/2012 6:45:41 PM
Xylenes, Total	ND	0.094	mg/Kg	1	4/13/2012 6:45:41 PM
Surr: 4-Bromofluorobenzene	94.3	80-120	%REC	1	4/13/2012 6:45:41 PM

Qualifiers:

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

Page 1 of 12

Lab Order 1204432

Date Reported: 4/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Enterprise Lateral 2C-45 **Project:**

Lab ID: 1204432-002 Client Sample ID: SC-2

Collection Date: 4/9/2012 2:50:00 PM

Received Date: 4/11/2012 10:05:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/13/2012 8:27:45 AM
Surr: DNOP	101	77.4-131	%REC	1	4/13/2012 8:27:45 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/13/2012 7:14:31 PM
Surr: BFB	101	69.7-121	%REC	1	4/13/2012 7:14:31 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.050	mg/Kg	1	4/13/2012 7:14:31 PM
Toluene	ND	0.050	mg/Kg	1	4/13/2012 7:14:31 PM
Ethylbenzene	ND	0.050	mg/Kg	1	4/13/2012 7:14:31 PM
Xylenes, Total	ND	0.10	mg/Kg	1	4/13/2012 7:14:31 PM
Surr: 4-Bromofluorobenzene	95.8	80-120	%REC	1	4/13/2012 7:14:31 PM

Matrix: SOIL

Qualifiers:

S

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range

Spike Recovery outside accepted recovery limits

- RPD outside accepted recovery limits
- Analyte detected below quantitation limits
- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit

Lab Order 1204432

Date Reported: 4/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204432-003

Matrix: SOIL

Collection Date: 4/9/2012 3:01:00 PM Received Date: 4/11/2012 10:05:00 AM

Client Sample ID: SC-3

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS			47.00	Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/13/2012 8:49:21 AM
Surr: DNOP	99.9	77.4-131	%REC	1	4/13/2012 8:49:21 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/13/2012 7:43:19 PM
Surr: BFB	102	69.7-121	%REC	1	4/13/2012 7:43:19 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/13/2012 7:43:19 PM
Toluene	ND	0.048	mg/Kg	1	4/13/2012 7:43:19 PM
Ethylbenzene	ND	0.048	mg/Kg	1	4/13/2012 7:43:19 PM
Xylenes, Total	ND	0.097	mg/Kg	1	4/13/2012 7:43:19 PM
Surr: 4-Bromofluorobenzene .	97.5	80-120	%REC	1	4/13/2012 7:43:19 PM

Qualifiers:

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

Spike Recovery outside accepted recovery limits

- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded.
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Lab Order 1204432

Date Reported: 4/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204432-004

Client Sample ID: SC-4

Collection Date: 4/10/2012 9:35:00 AM

Received Date: 4/11/2012 10:05:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	NĎ	9.7	mg/Kg	1	4/13/2012 9:10:57 AM
Surr: DNOP	105	77.4-131	%REC	1	4/13/2012 9:10:57 AM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/13/2012 8:12:09 PM
Surr: BFB	102	69.7-121	%REC	1	4/13/2012 8:12:09 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/13/2012 8:12:09 PM
Toluene	ND	0.049	mg/Kg	1	4/13/2012 8:12:09 PM
Ethylbenzene	ND	0.049	mg/Kg	1	4/13/2012 8:12:09 PM
Xylenes, Total	ND	0.098	mg/Kg	1	4/13/2012 8:12:09 PM
Surr: 4-Bromofluorobenzene	95.3	80-120	%REC	1	4/13/2012 8:12:09 PM

Matrix: SOIL

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

Lab Order 1204432

Date Reported: 4/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204432-005

Matrix: SOIL

Collection Date: 4/10/2012 11:55:00 AM Received Date: 4/11/2012 10:05:00 AM

Client Sample ID: SC-6

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/13/2012 9:32:22 AM
Surr: DNOP	102	77.4-131	%REC	1	4/13/2012 9:32:22 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/13/2012 8:40:58 PM
Surr: BFB	100	69.7-121	%REC	1	4/13/2012 8:40:58 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/13/2012 8:40:58 PM
Toluene	ND	0.048	mg/Kg	1	4/13/2012 8:40:58 PM
Ethylbenzene	ND	0.048	mg/Kg	1	4/13/2012 8:40:58 PM
Xylenes, Total	ND	0.097	mg/Kg	1	4/13/2012 8:40:58 PM
Surr: 4-Bromofluorobenzene	94.4	80-120	%REC	1	4/13/2012 8:40:58 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

R RPD outside accepted recovery limits

В

H Holding times for preparation or analysis exceeded

Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 5 of 12

Lab Order 1204432

Date Reported: 4/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204432-006

Client Sample ID: SC-7

Collection Date: 4/10/2012 12:20:00 PM

Received Date: 4/11/2012 10:05:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	56	9.7	mg/Kg	1	4/13/2012 9:53:46 AM
Surr: DNOP	107	77.4-131	%REC	1	4/13/2012 9:53:46 AM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	9.6	mg/Kg	2	4/13/2012 9:09:43 PM
Surr: BFB	108	69.7-121	%REC	2	4/13/2012 9:09:43 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.096	mg/Kg	2	4/13/2012 9:09:43 PM
Toluene	ND	0.096	mg/Kg	2	4/13/2012 9:09:43 PM
Ethylbenzene	ND	0.096	mg/Kg	2	4/13/2012 9:09:43 PM
Xylenes, Total	ND	0.19	mg/Kg	2	4/13/2012 9:09:43 PM
Surr: 4-Bromofluorobenzene	95.4	80-120	%REC	2	4/13/2012 9:09:43 PM

Matrix: SOIL

Qualifiers:

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

Page 6 of 12

Lab Order 1204432

Date Reported: 4/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204432-007

Client Sample ID: GW-1

Collection Date: 4/10/2012 9:25:00 AM

Received Date: 4/11/2012 10:05:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES				-	Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	5.0	μg/L	2	4/18/2012 11:22:56 AM
Benzene	ND	2.0	μg/L	2	4/18/2012 11:22:56 AM
Toluene	ND	2.0	μg/L	2	4/18/2012 11:22:56 AM
Ethylbenzene	ND	2.0	μg/L	2	4/18/2012 11:22:56 AM
Xylenes, Total	ND	4.0	μg/L	2	4/18/2012 11:22:56 AM
Surr: 4-Bromofluorobenzene	91.6	55-140	%REC	2	4/18/2012 11:22:56 AM

Matrix: AQUEOUS

Qualifiers: */X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 7 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204432

19-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID MB-1505	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015B: Diese	el Range C	Organics	
Client ID: PBS	Batch	n ID: 15	05	F	RunNo: 2	071				
Prep Date: 4/12/2012	Analysis D	ate: 4 /	12/2012	S	SeqNo: 5	7799	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	9.5		10.00		95.4	77.4	131			

Sample ID LCS-1505	SamnT	ype: LC	S	TestCode: EPA Method 8015B: Diesel Range Organics								
'	•	•		RunNo: 2071								
Client ID: LCSS	Batch	n ID: 15	05	۲	kunno: 2	0/1						
Prep Date: 4/12/2012	/12/2012 Analysis Date: 4/12/2012 SeqNo: 57804 Units: mg/Kg											
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	41	10	50.00	0	82.3	62.7	139					
Surr: DNOP	4.5		5.000		89.5	77.4	131					

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 8 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204432

19-Apr-12

Client:

Animas Environmental Services

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Project: Enterpris	e Lateral 2C-45										
Sample ID MB-1506	SampType: M	BLK	Tes	tCode: EF	A Method	8015B: Gaso	line Rang	e			
Client ID: PBS	Batch ID: 15	506	RunNo: 2117								
Prep Date: 4/12/2012	Analysis Date: 4	/13/2012	8	SeqNo: 58	3990	Units: mg/k	(g				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	ND 5.0										
Surr: BFB	1,000	1,000		102	69.7	121					
Sample ID LCS-1506	SampType: L0	cs	Tes	tCode: EF	A Method	8015B: Gaso	line Rang	е			
Client ID: LCSS	Batch ID: 15	506	F	RunNo: 21	117						
Prep Date: 4/12/2012	Analysis Date: 4	/13/2012	S	SeqNo: 58	3991	Units: mg/K	ζg				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	32 5.0	25.00	0	130	98.5	133					
Surr: BFB	1,100	1,000		113	69.7	121					
Sample ID 1204425-002AMS	SampType: M	s	Tes	tCode: EF	PA Method	8015B: Gaso	line Rang	e			
Client ID: BatchQC	Batch ID: 15	506	F	RunNo: 2 1	117						
Prep Date: 4/12/2012	Analysis Date: 4	/13/2012	8	SeqNo: 59	9002	Units: mg/K	ίg				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	29 4.9	24.56	0	118	85.4	147					
Surr: BFB	1,000	982.3		106	69.7	121					
Sample ID 1204425-002AMS	D SampType: M	SD	Tes	tCode: EF	A Method	8015B: Gaso	line Rang	е			
Client ID: BatchQC	Batch ID: 15	506	RunNo: 2117								
Prep Date: 4/12/2012	Analysis Date: 4	/13/2012	8	SeqNo: 59	9003	Units: mg/k	(g				
Analyte	Result PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	32 4.8	24.11	0	132	85.4	147	9.77	19.2			
	4 400						_	_			

Qualifiers:

R

Surr: BFB

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

110

69.7

121

- Reporting Detection Limit

Page 9 of 12

Value exceeds Maximum Contaminant Level.

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204432

19-Apr-12

Animas Environmental Services Client:

Project: Enterprise Lateral 2C-45

Sample ID MB-1506	Sample ID MB-1506 SampType: MBLK				TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS Batch ID: 1506			F	RunNo: 2							
Prep Date: 4/12/2012	Analysis Date: 4/13/2012			S	SeqNo: 5	9006	Units: mg/K	(g			
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	0.96		1.000		96.2	80	120				

Sample ID LCS-1506	Samp	SampType: LCS TestCode: EPA Method 8						tiles		
Client ID: LCSS	Batcl	h ID: 15	06	F	RunNo: 2	117				
Prep Date: 4/12/2012	Analysis D	Date: 4/	13/2012	S	SeqNo: 5	9007	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.050	1.000	0	98.8	83.3	107			
Toluene	1.0	0.050	1.000	0	100	74.3	115			
Ethylbenzene	0.99	0.050	1.000	0	99.2	80.9	122			
Xylenes, Total	3.0	0.10	3.000	0	99.4	85.2	123			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	80	120			

Sample ID 1204432-001AM	S Samp	SampType: MS TestCode: EPA Method 8					8021B: Vola	tiles		
Client ID: SC-1	Batc	h ID: 15	06	F	RunNo: 2	117				
Prep Date: 4/12/2012	Analysis [Date: 4 /	14/2012	9	SeqNo: 5	9015	Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.048	0.9671	0	104	67.2	113			
Toluene	1.0	0.048	0.9671	0	108	62.1	1 1 6			
Ethylbenzene	1.0	0.048	0.9671	0	107	67.9	127			
Xylenes, Total	3.1	0.097	2.901	0	107	60.6	134			
Surr: 4-Bromofluorobenzene	0.98		0.9671		101	80	120			

Sample ID 1204432-001AMSD	SampTy	pe: MS	SD	Tes	PA Method	8021B: Volat	iles			
Client ID: SC-1	Batch	ID: 15	06	F	RunNo: 2	117				
Prep Date: 4/12/2012 A	Analysis Da	ite: 4 /	14/2012	S	SeqNo: 5	9016	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.048	0.9579	0	107	67.2	113	2.04	14.3	
Toluene	1.1	0.048	0.9579	0	111	62.1	116	1.81	15.9	
Ethylbenzene	1.0	0.048	0.9579	0	109	67.9	127	1.49	14.4	
Xylenes, Total	3.1	0.096	2.874	0	109	60.6	134	0.760	12.6	
Surr: 4-Bromofluorobenzene	0.95		0.9579		99.6	80	120	0	0	

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

Analyte detected below quantitation limits

RPD outside accepted recovery limits

- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Reporting Detection Limit

Page 10 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204432

19-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID 5ML RB

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Client ID:

PBW

Batch ID: R2130

RunNo: 2130

Prep Date:

Analysis Date: 4/13/2012

SeqNo: 59053

Units: %REC

SPK value SPK Ref Val

Analyte

%REC LowLimit 55

LowLimit

LowLimit

55

%RPD **RPDLimit**

Qual

Surr: 4-Bromofluorobenzene

15

20.00

74.2

140

HighLimit

Sample ID 100NG BTEX LCS

SampType: LCS

TestCode: EPA Method 8021B: Volatiles

Client ID:

LCSW

Batch ID: R2130

RunNo: 2130

Units: %REC

Prep Date:

Analysis Date: 4/13/2012

SeqNo: 59054

Analyte

Result 22 SPK value SPK Ref Val

%REC

HighLimit

RPDLimit

Surr: 4-Bromofluorobenzene

20.00

112

55 140

Qual

Sample ID 1204302-001AMS

SampType: MS

TestCode: EPA Method 8021B: Volatiles

Client ID:

BatchQC

Batch ID: R2130

RunNo: 2130

Prep Date:

Analysis Date: 4/14/2012

SeqNo: 59076

Units: %REC

Analyte

Result 23 SPK value SPK Ref Val

%REC

HighLimit

RPDLimit

Surr: 4-Bromofluorobenzene

20.00

117

140

%RPD

%RPD

Qual

Sample ID 1204302-001AMSD

SampType: MSD

TestCode: EPA Method 8021B: Volatiles

Client ID:

BatchQC

Batch ID: R2130

RunNo: 2130

Prep Date:

Analysis Date: 4/14/2012

SeqNo: 59077

Units: %REC

Result

SPK value SPK Ref Val

%REC

LowLimit

Analyte

Result

ND

ND

22

Result

20.00

20.00

SPK value SPK Ref Val

HighLimit

%RPD

RPDLimit

0

Qual

Surr: 4-Bromofluorobenzene

Sample ID 5ML RB

SampType: MBLK

PQL

TestCode: EPA Method 8021B: Volatiles

140

%RPD

Analyte

Client ID: **PBW** Prep Date:

Methyl tert-butyl ether (MTBE)

Batch ID: R2230

Analysis Date: 4/18/2012

RunNo: 2230 SeqNo: 61767

Units: µg/L HighLimit

RPDLimit

Qual

Toluene Ethylbenzene Xylenes, Total 1,2,4-Trimethylbenzene

Benzene

ND ND ND

> ND 2.0 ND 1.0

PQL

2.5

1.0

1.0

1.0

1.0

108

RunNo: 2230

SeqNo: 61768

140

Client ID:

Prep Date:

1,3,5-Trimethylbenzene

Surr: 4-Bromofluorobenzene

Sample ID 100NG BTEX LCS

LCSW

SampType: LCS

Batch ID: R2230

Analysis Date: 4/18/2012

PQL

SPK value SPK Ref Val %REC LowLimit

TestCode: EPA Method 8021B: Volatiles

%REC LowLimit

Analyte detected in the associated Method Blank

Units: µg/L

HighLimit

%RPD

RPDLimit

Qual

Qualifiers:

Analyte

Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

Н Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Reporting Detection Limit

Page 11 of 12

Analyte detected below quantitation limits R RPD outside accepted recovery limits

RL

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204432

19-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID 100NG BTEX LC	S SampT	ampType: LCS TestCode: EPA Method 8						iles					
Client ID: LCSW	Batch	n ID: R2	230	F	RunNo: 2	o: 2230							
Prep Date:	Analysis D)ate: 4/	18/2012	5	SeqNo: 6	1768	Units: µg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low L imit	HighLimit	%RPD	RPDLimit	Qual			
Methyl tert-butyl ether (MTBE)	21	2.5	20.00	0	103	50.5	158						
Benzene	21	1.0	20.00	0	107	80	120						
Toluene	21	1.0	20.00	0	106	80	120						
Ethylbenzene	21	1.0	20.00	0	105	80	120						
Xylenes, Total	63	2.0	60.00	0	105	80	120						
1,2,4-Trimethylbenzene	20	1.0	20.00	0	101	80	120						
1,3,5-Trimethylbenzene	21	1.0	20.00	0	105	80	120						
Surr: 4-Bromofluorobenzene	20		20.00		98.0	55	140						

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 12 of 12



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	Animas Environmental	, N	ork Or	der I	Numi	ber:	1204432	
Received by/date		04/11/12						
Logged By:	Ashley Gallegos	4/11/2012 10:05:00 AM	ı			5.A.	7	
Completed By:	Ashley Gallegos	4/11/2012 10:48:27 AM	I			5A:	*	
Reviewed By:	Arr oullill	2					Q	
Chain of Cust								
1. Were seals			Yes		No		Not Present ✔	
	Custody complete?		Yes	v	No		Not Present	
	e sample delivered?		Cour	rier				
Log In								
	present? (see 19. for cooler	specific information)	Yes	~	No.		NA .	
4. 555,015 a.d	p. 555 (655 vo. 164 656.6.	opeome mornadon)						
5. Was an atte	empt made to cool the samp	les?	Yes	~	No	;	NA -	
6. Were all sar	mples received at a tempera	sture of >0° C to 6.0°C	Yes	•	No	i	NA .	
7. Sample(s) in	n proper container(s)?		Yes	~	No	i		
8. Sufficient sa	ample volume for indicated t	est(s)?	Yes	~	No			
9. Are samples	s (except VOA and ONG) pr	operly preserved?	Yes	✓.	No			
10. Was presen	vative added to bottles?		Yes		No	✓.	NA	
11. VOA vials h	ave zero headspace?		Yes		No		No VOA Vials ✔	
12. Were any sa	ample containers received b	roken?	Yes	:	No	•	:	
	work match bottle labels? epancies on chain of custody)	Yes	v	No		# of preserved bottles checked for pH:	
14. Are matrices	s correctly identified on Cha	in of Custody?	Yes	~	No		·	or >12 unless noted)
15, is it clear wh	hat analyses were requested	1?	Yes	~	No		Adjusted?	
	iding times able to be met? customer for authorization.)		Yes	~	No		0	
	lling (if applicable)						Checked by:	
	notified of all discrepancies v	with this order?	Yes		No	:	NA 🗸	
	n Notified:	ANN THE RESERVE OF THE PERSON	Titalinasa Torra	****	eren eren eren eren eren eren eren eren	THE PARK TOWN LE	oraș para annua para annua annua.	
By Wh		Date: Via:	∮eMa	ii	: 01	none	Fax In Person	
Regard	AND DESCRIPTION OF THE PARTY OF	VIG.	CIVIA	******	F-1	10116	rax in reison	***
	Instructions:			*********	**********	*************		•••
18. Additional re								
. 5.								
19 Cooler Info	rmation							

Signed By

2.3

Cooler No Temp °C Condition Seal Intact Seal No Seal Date

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lient:	Animas	: Environ	Animas Environmental Services	Standard	□ Rush		ANALYSIS	ANALYSIS LABORATORY	
				Project Name:			www.hallenvironmental.com	ental.com	
lailing	Address	624 E Co	lailing Address 624 E Comanche Farmington NM	Enterprise		latual \$ 20-45	4901 Hawkins NE - Albuquerque, NM 87109	que, NM 87109	
		Farmingto		Project #:			Tel. 505-345-3975 Fax 5(Fax 505-345-4107	
hone #:		505-564-2281	2281				Analysis Request	equest	
mail or	nail or Fax#:	505-324-2022	2022	Project Manager:	er:		(0)		
A/QC Packa ØStandard	A/QC Package: Østandard		☐ Level 4 (Full Validation)	R. Kennemer	ener) L DK		
ccreditation:	tation: AP	□ Other		Sampler: T.L	Long			Or N	
EDD	EDD (Type)						+1e) A)	
Date	Тіте	Matrix	Sample Request ID	Container I	Preservative Type		<u>[(_5108</u> .g_1208	Air B ubbles	
9-12	1335	1:08	1-08	707	hon	1001	メメ		
-9-12	05H/	10%	Sc-2			-002	× ×		
-9-12	1501	501.7	8-28			-003	, X		
21-0	6935	108	h-28			- 004	X X		
21-0	1155	50,1	9-28			- 05	XX		··I
2-12	0571	Soil	SC-7	_\	\	900 -	×		т
									Т
0-12	0925	water	6-W-1	3-40mL	#2	1001	×		
									- r
									T 1
ate:	Time: L&T	Relinquish	bed by:	Received by:	1 100 les	Date /	Remarks:		
ate:		Reifqquished by:	Applications by:	Received by:	3	-			
13		3	אווע אווע אווע		7	_			٦



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

OrderNo.: 1204426

April 12, 2012

Ross Kennemer Animas Environmental Services 624 East Comanche Farmington, NM 87401 TEL: (505) 564-2281

FAX (505) 324-2022

RE: Enterprise Lateral 2C-45

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/11/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1204426

Date Reported: 4/12/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204426-001

Matrix: MEOH (SOIL)

Collection Date: 4/10/2012 10:50:00 AM **Received Date:** 4/11/2012 10:05:00 AM

Client Sample ID: SC-5

Analyses	Result	RL (Qual U	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS					Analyst: JMP
Diesel Range Organics (DRO)	16	10		mg/Kg	1	4/11/2012 11:52:13 AM
Surr: DNOP	110	77.4-131		%REC	1	4/11/2012 11:52:13 AM
EPA METHOD 8015B: GASOLINE RA	ANGE					Analyst: NSB
Gasoline Range Organics (GRO)	53	5.0		mg/Kg	1	4/11/2012 11:34:14 AM
Surr: BFB	231	69.7-121	s	%REC	1	4/11/2012 11:34:14 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	0.17	0.050		mg/Kg	1	4/11/2012 11:34:14 AM
Toluene	2.0	0.050		mg/Kg	1	4/11/2012 11:34:14 AM
Ethylbenzene	0.73	0.050		mg/Kg	1	4/11/2012 11:34:14 AM
Xylenes, Total	7.0	0.10		mg/Kg	1	4/11/2012 11:34:14 AM
Surr: 4-Bromofluorobenzene	116	80-120		%REC	1	4/11/2012 11:34:14 AM

Qualifiers: */X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 1 of 6

Lab Order 1204426

Date Reported: 4/12/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-8

Project: Enterprise Lateral 2C-45

Collection Date: 4/10/2012 1:35:00 PM

Lab ID: 1204426-002

Matrix: MEOH (SOIL)

Received Date: 4/11/2012 10:05:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/11/2012 12:13:37 PM
Surr: DNOP	104	77.4-131	%REC	1	4/11/2012 12:13:37 PM
EPA METHOD 8015B: GASOLINE RA	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/11/2012 1:29:21 PM
Surr: BFB	112	69.7-121	%REC	1	4/11/2012 1:29:21 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	0.064	0.050	mg/Kg	1	4/11/2012 1:29:21 PM
Toluene	0.062	0.050	mg/Kg	1	4/11/2012 1:29:21 PM
Ethylbenzene	ND	0.050	mg/Kg	1	4/11/2012 1:29:21 PM
Xylenes, Total	0.29	0.10	mg/Kg	1	4/11/2012 1:29:21 PM
Surr: 4-Bromofluorobenzene	99.9	80-120	%REC	1	4/11/2012 1:29:21 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 2 of 6

Lab Order 1204426

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 4/12/2012

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45 1204426-003

Lab ID:

Matrix: MEOH (SOIL)

Collection Date: 4/10/2012 1:55:00 PM Received Date: 4/11/2012 10:05:00 AM

Client Sample ID: SC-9

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/11/2012 12:56:44 PM
Surr: DNOP	106	77.4-131	%REC	1	4/11/2012 12:56:44 PM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	5.3	5.0	mg/Kg	1	4/11/2012 1:58:13 PM
Surr: BFB	110	69.7-121	%REC	1	4/11/2012 1:58:13 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	0.062	0.050	mg/Kg	1	4/11/2012 1:58:13 PM
Toluene	ND	0.050	mg/Kg	1	4/11/2012 1:58:13 PM
Ethylbenzene	ND	0.050	mg/Kg	1	4/11/2012 1:58:13 PM
Xylenes, Total	ND	0.10	mg/Kg	1	4/11/2012 1:58:13 PM
Surr: 4-Bromofluorobenzene	101	80-120	%REC	1	4/11/2012 1:58:13 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.

Value above quantitation range

Analyte detected below quantitation limits

R RPD outside accepted recovery limits

Spike Recovery outside accepted recovery limits

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Reporting Detection Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204426

12-Apr-12

Client:

Animas Environmental Services

Project:

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

Enterprise Lateral 2C-45

Result

41

4.7

10

Sample ID MB-1481	SampType: MBLI	<	Test	Code: EF	A Method	8015B: Diese	l Range C	Organics	
Client ID: PBS	Batch ID: 1481		R	unNo: 20	46				
Prep Date: 4/11/2012	Analysis Date: 4/11	/2012	S	eqNo: 57	041	Units: mg/K	g		
Analyte	Result PQL S	PK value S	PK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Surr: DNOP	9.9	10.00		99.4	77.4	131			
Sample ID LCS-1481	SampType: LCS		TestCode: EPA Method				I Range (Organics	
Client ID: LCSS	Batch ID: 1481		RunNo: 2046						
Prep Date: 4/11/2012	Analysis Date: 4/11	/2012	S	eq N o: 5 7	042	Units: mg/K	g		

%REC

82.8

93.0

LowLimit

62.7

77.4

HighLimit

139

131

%RPD

RPDLimit

Qual

SPK value SPK Ref Val

50.00

5.000

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits
 R PD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204426

12-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID B5

SampType: MBLK

TestCode: EPA Method 8015B: Gasoline Range

LowLimit

LowLimit

98.5

69.7

Client ID:

PBS

RunNo: 2054

Prep Date:

Batch ID: R2054

Units: mg/Kg

Analyte

Analysis Date: 4/11/2012 **PQL**

SeqNo: 57183 %REC

HighLimit

RPDLimit Qual

Gasoline Range Organics (GRO) Surr: BFB

ND 5.0

1,000

SPK value SPK Ref Val

100

121

Sample ID 2.5UG GRO LCS

SampType: LCS

1,000

Result

TestCode: EPA Method 8015B: Gasoline Range

%RPD

Client ID:

LCSS

Batch ID: R2054

RunNo: 2054

133

Prep Date:

Analysis Date: 4/11/2012

SeqNo: 57436

Units: mg/Kg

Analyte

POL

%REC

113

HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO)

28 5.0 1,100

SPK value 25.00 1,000

111

69.7 121

Surr: BFB

Sample ID 1204426-002AMS

SC-8

Gasoline Range Organics (GRO)

SampType: MS

TestCode: EPA Method 8015B: Gasoline Range

Client ID: SC-8

Batch ID: R2054

RunNo: 2054

Prep Date:

Analysis Date: 4/11/2012

SeqNo: 57437

Units: mg/Kg

Analyte

Result PQL

LowLimit

SPK value SPK Ref Val %REC 94.7

%RPD HighLimit

RPDLimit Qual

Gasoline Range Organics (GRO) Surr: BFB

23 770 5.0 16.24 649.7 7.147

SPK Ref Val

0

85.4 69.7

147 121

Sample ID 1204426-002AMSD

SampType: MSD Batch ID: R2054 TestCode: EPA Method 8015B: Gasoline Range

RunNo: 2054

119

Client ID: Prep Date:

Analysis Date: 4/11/2012

Units: mg/Kg

Analyte

Result **PQL**

SeqNo: 57438

LowLimit

HighLimit

%RPD

RPDLimit 19.2 Qual

S

Surr: BFB

22 5.0 790

SPK value 16.24 649.7

SPK Ref Val 7.147

%REC 90.0

121

85.4 69.7

147 121

3.46 0

0

Oualifiers:

J

Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

Analyte detected in the associated Method Blank В

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Reporting Detection Limit

Н

Page 5 of 6

Analyte detected below quantitation limits RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204426

12-Apr-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID B5	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: R2	054	F	RunNo: 2	054				
Prep Date:	Analysis [Date: 4 /	11/2012	S	SeqNo: 5	7190	Units: mg/K	(g		
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	0.96		1.000		95.8	80	120			

Sample ID 1204426-003A	MS Sampi	SampType: MS TestCode: EPA Method 8						illes			
Client ID: SC-9	Batch	n ID: R2	054	F	RunNo: 2 0	054					
Prep Date:	Analysis D	ate: 4 /	11/2012	8	SeqNo: 5	7456	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.80	0.050	0.7231	0.06074	102	67.2	113				
Toluene	0.77	0.050	0.7231	0.01529	104	62.1	116				
Ethylbenzene	0.76	0.050	0.7231	0.01724	102	67.9	127				
Xylenes, Total	2.3	0.10	2.169	0.08661	103	60.6	134				
Surr: 4-Bromofluorobenzene	0.73		0.7231		101	80	120				

Sample ID 1204426-003AM	SD SampT	ype: MS	D	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: SC-9	Batch	n ID: R2	054	F	RunNo: 2	054				
Prep Date:	Analysis D	ate: 4/	11/2012	8	SeqNo: 5	7457	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.74	0.050	0.7231	0.06074	94.1	67.2	113	7.45	14.3	
Toluene	0.72	0.050	0.7231	0.01529	96.8	62.1	116	6.98	15.9	
Ethylbenzene	0.70	0.050	0.7231	0.01724	94.3	67.9	127	8.10	14.4	
Xylenes, Total	2.1	0.10	2.169	0.08661	94.3	60.6	134	8.30	12.6	
Surr: 4-Bromofluorobenzene	0.74		0.7231		103	80	120	0	0	

Sample ID 100NG BTEX LC	S Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batcl	h ID: R2	054	F	RunNo: 2	054				
Prep Date:	Analysis [Date: 4 /	11/2012	9	SeqNo: 5	7458	Units: mg/F	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.050	1.000	0	97.9	83.3	107			
Toluene	1.0	0.050	1.000	0	100	74.3	115			
Ethylbenzene	0.98	0.050	1.000	0	97.7	80.9	122			
Xylenes, Total	3.0	0.10	3.000	0	99.7	85.2	123			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.6	80	120			

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 6 of 6

RL Reporting Detection Limit



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Animas Environmental Work Order Number: 1204426 Client Name: Received by/date 4/11/2012 10:05:00 AM **Ashley Gallegos** Logged By: 4/11/2012 10:08:16 AM Askley Gallegos Completed By: Reviewed By: Chain of Custody Not Present ✓ No 1 Were seals intact? Yes No Not Present 2. Is Chain of Custody complete? Yes 3 How was the sample delivered? Courier Log in 4. Coolers are present? (see 19. for cooler specific information) NA 5. Was an attempt made to cool the samples? NA NΑ 6 Were all samples received at a temperature of >0° C to 6.0°C 7 Sample(s) in proper container(s)? 8 Sufficient sample volume for indicated test(s)? 9 Are samples (except VOA and ONG) properly preserved? 10. Was preservative added to bottles? NΑ No VOA Vials < No 11 VOA vials have zero headspace? Yes No 12 Were any sample containers received broken? # of preserved 13. Does paperwork match bottle labels? bottles checked (Note discrepancies on chain of custody) for pH: 14. Are matrices correctly identified on Chain of Custody? (<2 or >12 unless noted) Adjusted? No 15. Is it clear what analyses were requested? 16. Were all holding times able to be met? ✓ No (If no, notify customer for authorization.) Checked by: Special Handling (if applicable) 17. Was client notified of all discrepancies with this order? Yes NA 🗸 Person Notified: Date: In Person By Whom: Via: eMail Phone Fax Regarding: Client Instructions: 18 Additional remarks:

Seal Date

Signed By

19. Cooler Information

Cooler No Temp °C Condition Seal Intact Seal No

Not Present

Good

D Sampler: The Late of Rush Sawe duly Project Name; Froject Manager: R. Kennemet Sampler: The Long Type and # Type Medit with the the container Preservative Type and # Type I - 402	11-0-11	3		Apimos Engineeral Society			•••		H	HALL ENVIRONMENTAL	VIR	NO	1EN]	Z	
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Hall Environmental Analysis Laboratory
4901 Hawkins NE

Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 01, 2012

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

TEL: (505) 486-1776 FAX: (505) 324-2022

RE: Enterprise Lateral 2C-45 OrderNo.: 1204A10

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 9 sample(s) on 4/26/2012 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued May 1, 2012.

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.

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

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1204A10

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-001

Client Sample ID: SC-31

Collection Date: 4/24/2012 9:40:00 AM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/27/2012 9:35:52 AM
Surr: DNOP	103	77.4-131	%REC	1	4/27/2012 9:35:52 AM
EPA METHOD 8015B: GASOLINE RAI	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/28/2012 7:02:51 AM
Surr: BFB	98.2	69.7-121	%REC	1	4/28/2012 7:02:51 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/28/2012 7:02:51 AM
Toluene	ND	0.048	mg/Kg	1	4/28/2012 7:02:51 AM
Ethylbenzene	ND	0.048	mg/Kg	1	4/28/2012 7:02:51 AM
Xylenes, Total	ND	0.095	mg/Kg	1	4/28/2012 7:02:51 AM
Surr: 4-Bromofluorobenzene	88.7	80-120	%REC	1	4/28/2012 7:02:51 AM

Matrix: SOIL

Qualifiers:

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

Page 1 of 12

Lab Order 1204A10

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-002

Client Sample ID: SC-32

Collection Date: 4/24/2012 11:25:00 AM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/27/2012 10:40:41 AM
Surr: DNOP	103	77.4-131	%REC	1	4/27/2012 10:40:41 AM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/28/2012 7:31:37 AM
Surr: BFB	106	69.7-121	%REC	1	4/28/2012 7:31:37 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/28/2012 7:31:37 AM
Toluene	ND	0.049	mg/Kg	1	4/28/2012 7:31:37 AM
Ethylbenzene	ND	0.049	mg/Kg	1	4/28/2012 7:31:37 AM
Xylenes, Total	0.23	0.098	mg/Kg	1	4/28/2012 7:31:37 AM
Surr: 4-Bromofluorobenzene	92.2	80-120	%REC	1	4/28/2012 7:31:37 AM

Matrix: SOIL

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

Lab Order 1204A10

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-003

Client Sample ID: SC-33

Collection Date: 4/24/2012 11:28:00 AM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/27/2012 11:02:09 A.M
Surr: DNOP	107	77.4-131	%REC	1	4/27/2012 11:02:09 AM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/28/2012 8:00:23 AM
Surr: BFB	103	69.7-121	%REC	1	4/28/2012 8:00:23 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.047	mg/Kg	1	4/28/2012 8:00:23 AM
Toluene	ND	0.047	mg/Kg	1	4/28/2012 8:00:23 AM
Ethylbenzene	ND	0.047	mg/Kg	1	4/28/2012 8:00:23 AM
Xylenes, Total	ND	0.094	mg/Kg	1	4/28/2012 8:00:23 AM
Surr: 4-Bromofluorobenzene	92.3	80-120	%REC	1	4/28/2012 8:00:23 AM

Matrix: SOIL

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

Lab Order **1204A10**

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-004

Client Sample ID: SC-34

Collection Date: 4/24/2012 12:45:00 PM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	GE ORGANICS		· · · · · ·		Analyst: JMP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/27/2012 11:56:20 AM
Surr: DNOP	104	77.4-131	%REC	1	4/27/2012 11:56:20 AM
EPA METHOD 8015B: GASOLINE R	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	4.8	4.7	mg/Kg	1	4/28/2012 8:29:06 AM
Surr: BFB	113	69.7-121	%REC	1	4/28/2012 8:29:06 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.047	mg/Kg	1	4/28/2012 8:29:06 AM
Toluene	0.11	0.047	mg/Kg	1	4/28/2012 8:29:06 AM
Ethylbenzene	ND	0.047	mg/Kg	1	4/28/2012 8:29:06 AM
Xylenes, Total	0.89	0.094	mg/Kg	1	4/28/2012 8:29:06 AM
Surr: 4-Bromofluorobenzene	94.9	80-120	%REC	1	4/28/2012 8:29:06 AM

Matrix: SOIL

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

Lab Order 1204A10

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-005

Client Sample ID: SC-35

Collection Date: 4/24/2012 2:35:00 PM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/27/2012 12:17:55 FM
Surr: DNOP	100	77.4-131	%REC	1	4/27/2012 12:17:55 PM
EPA METHOD 8015B: GASOLINE RAN	IGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	4/28/2012 8:57:46 AM
Surr: BFB	104	69.7-121	%REC	1	4/28/2012 8:57:46 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.046	mg/Kg	1	4/28/2012 8:57:46 AM
Toluene	ND	0.046	mg/Kg	1	4/28/2012 8:57:46 AM
Ethylbenzene	ND	0.046	mg/Kg	1	4/28/2012 8:57:46 AM
Xylenes, Total	ND	0.093	mg/Kg	1	4/28/2012 8:57:46 AM
Surr: 4-Bromofluorobenzene	93.0	80-120	%REC	1	4/28/2012 8:57:46 AM

Matrix: SOIL

Qualifiers:

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

Page 5 of 12

Lab Order 1204A10

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

1204A10-006 Lab ID:

Matrix: SOIL

Collection Date: 4/24/2012 2:55:00 PM Received Date: 4/26/2012 9:58:00 AM

Client Sample ID: SC-36

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS			-	Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/27/2012 12:39:36 PM
Surr: DNOP	106	77.4-131	%REC	1	4/27/2012 12:39:36 PM
EPA METHOD 8015B: GASOLINE R	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/28/2012 9:26:31 AM
Surr: BFB	101	69.7-121	%REC	1	4/28/2012 9:26:31 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/28/2012 9:26:31 AM
Toluene	ND	0.049	mg/Kg	1	4/28/2012 9:26:31 AM
Ethylbenzene	ND	0.049	mg/Kg	1	4/28/2012 9:26:31 AM
Xylenes, Total	ND	0.098	mg/Kg	1	4/28/2012 9:26:31 AM
Surr: 4-Bromofluorobenzene	91.2	80-120	%REC	1	4/28/2012 9:26:31 AM

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- Analyte detected below quantitation limits
- RPD outside accepted recovery limits Spike Recovery outside accepted recovery limits
- Ε Value above quantitation range
- Not Detected at the Reporting Limit

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

- Reporting Detection Limit

Н

Lab Order 1204A10

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-007

Client Sample ID: SC-37

Collection Date: 4/24/2012 3:30:00 PM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL (Qual Ur	nits	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS					Analyst: JMP
Diesel Range Organics (DRO)	49	9.8	m	ıg/Kg	1	4/27/2012 2:50:16 PM
Surr: DNOP	111	77.4-131	%	REC	1	4/27/2012 2:50:16 PM
EPA METHOD 8015B: GASOLINE RA	NGE					Analyst: NSB
Gasoline Range Organics (GRO)	38	4.9	m	ıg/Kg	1	4/28/2012 9:55:13 AM
Surr: BFB	344	69.7-121	S %	REC	1	4/28/2012 9:55:13 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.049	m	ıg/Kg	1	4/28/2012 9:55:13 AM
Toluene	ND	0.049	m	ıg/Kg	1	4/28/2012 9:55:13 AM
Ethylbenzene	ND	0.049	m	ıg/Kg	1	4/28/2012 9:55:13 AM
Xylenes, Total	0.34	0.098	m	ıg/Kg	1	4/28/2012 9:55:13 AM
Surr: 4-Bromofluorobenzene	99.0	80-120	%	REC	1	4/28/2012 9:55:13 AN

Matrix: SOIL

Qualifiers: */X Value ex

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limitsS Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 7 of 12

Lab Order **1204A10**

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-008

Client Sample ID: SC-38

Collection Date: 4/24/2012 3:50:00 PM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/27/2012 1:01:10 PM
Surr: DNOP	103	77.4-131	%REC	1	4/27/2012 1:01:10 PM
EPA METHOD 8015B: GASOLINE RAI	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/29/2012 6:50:39 PM
Surr: BFB	104	69.7-121	%REC	1	4/29/2012 6:50:39 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.048	mg/Kg	1	4/28/2012 10:23:50 AM
Toluene	ND	0.048	mg/Kg	1	4/28/2012 10:23:50 AM
Ethylbenzene	ND	0.048	mg/Kg	1	4/28/2012 10:23:50 AM
Xylenes, Total	ND	0.096	mg/Kg	1	4/28/2012 10:23:50 AM
Surr: 4-Bromofluorobenzene	90.4	80-120	%REC	1	4/28/2012 10:23:50 AM

Matrix: SOIL

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

Lab Order 1204A10

Date Reported: 5/1/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Enterprise Lateral 2C-45

Lab ID: 1204A10-009

Client Sample ID: SC-39

Collection Date: 4/24/2012 4:00:00 PM

Received Date: 4/26/2012 9:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	SE ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/27/2012 1:22:56 PM
Surr: DNOP	103	77.4-131	%REC	1	4/27/2012 1:22:56 PM
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/28/2012 10:52:43 AM
Surr: BFB	109	69.7-121	%REC	1	4/28/2012 10:52:43 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.049	mg/Kg	1	4/28/2012 10:52:43 AM
Toluene	ND	0.049	mg/Kg	1	4/28/2012 10:52:43 AM
Ethylbenzene	ND	0.049	mg/Kg	1	4/28/2012 10:52:43 AM
Xylenes, Total	ND	0.098	mg/Kg	1	4/28/2012 10:52:43 AM
Surr: 4-Bromofluorobenzene	91.4	80-120	%REC	1	4/28/2012 10:52:43 AM

Matrix: SOIL

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

Hall Environmental Analysis Laboratory, Inc.

WO#:

1204A10

01-May-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID: MB-1708

SampType: MBLK

TestCode: EPA Method 8015B: Diesel Range Organics

Client ID: PBS

Batch ID: 1708

RunNo: 2386

HighLimit

Prep Date: 4/26/2012 Analysis Date: 4/27/2012

SeqNo: 67173

Units: mg/Kg

Analyte

PQL

10

SPK value SPK Ref Val %REC LowLimit

RPDLimit Qual

Diesel Range Organics (DRO)

ND 10

10.00

50.00

5.000

101

77.4

62.7

77.4

131

Surr: DNOP

Sample ID: LCS-1708

SampType: LCS

TestCode: EPA Method 8015B: Diesel Range Organics

%RPD

Client ID: LCSS

Batch ID: 1708

RunNo: 2386

Prep Date:

4/26/2012

Analysis Date: 4/27/2012

10

SeqNo: 67174

100

93.7

Units: mg/Kg

139

131

Analyte Diesel Range Organics (DRO)

Result **PQL** SPK value

SPK Ref Val

0

0

SPK Ref Val

0

%REC LowLimit HighLimit

%RPD

RPDLimit Qual

Surr: DNOP

Sample ID: 1204A10-001AMS

SampType: MS

Batch ID: 1708

PQL

9.7

TestCode: EPA Method 8015B: Diesel Range Organics

Client ID: SC-31

Prep Date: 4/26/2012

Batch ID: 1708

50

4.7

RunNo: 2386

Qual

Analyte

Analysis Date: 4/27/2012

SeqNo: 67292

Units: mg/Kg

Qual

Diesel Range Organics (DRO)

Result 41 PQL 9.9 49.31

SPK value SPK Ref Val %REC

LowLimit 57.2 HighLimit

%RPD **RPDLimit**

4.7

4.931

82.2 95.8

77,4

146

131

Surr: DNOP

Client ID:

Sample ID: 1204A10-001AMSD SampType: MSD

TestCode: EPA Method 8015B: Diesel Range Organics

%REC

80.3

96.0

RunNo: 2386

57.2

77.4

146

131

Prep Date: Analyte

Surr: DNOP

4/26/2012

Diesel Range Organics (DRO)

SC-31

Analysis Date: 4/27/2012

Result

39

4.6

SPK value

48.26

4.826

SeqNo: 67298

LowLimit

Units: mg/Kg HighLimit

0

%RPD **RPDLimit** 4.40 26.7 0

Qualifiers:

R

Value above quantitation range

Value exceeds Maximum Contaminant Level.

J Analyte detected below quantitation limits RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

RL Reporting Detection Limit

ND

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Hall Environmental Analysis Laboratory, Inc.

WO#:

1204A10

01-May-12

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID: MB-1707	SampT	ype: ME	BLK	Test	Code: EF	PA Method	8015B: Gaso	line Rang	e	
Client ID: PBS	Batch	h ID: 17	07	F	RunNo: 24	439				
Prep Date: 4/26/2012	Analysis D	Date: 4/	27/2012	S	eqNo: 67	7693	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1,000		1,000		101	69.7	121			

Sample ID: LCS-1707	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015B: Gaso	line Rang	e	
Client ID: LCSS	Batch	n ID: 170	07	F	RunNo: 24	439				
Prep Date: 4/26/2012	Analysis D	ate: 4 /	27/2012	S	SeqNo: 6	7694	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	117	98.5	133			
Surr: BFB	1,100		1,000		107	69.7	121			

Qualifiers:

R

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

Analyte detected below quantitation limits RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Reporting Detection Limit

Page 11 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: 1

1204A10 *01-May-12*

Client:

Animas Environmental Services

Project:

Enterprise Lateral 2C-45

Sample ID: MB-1707	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batcl	h ID: 17 (07	F	RunNo: 2	439				
Prep Date: 4/26/2012	Analysis [Date: 4 /	27/2012	S	SeqNo: 6	7731	Units: mg/K	g		
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	0.93		1.000		93.0	80	120			

Sample ID: LCS-1707	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batc	h ID: 17	07	F	RunNo: 24	439				
Prep Date: 4/26/2012	Analysis [Date: 4/	27/2012	5	SeqNo: 6	7732	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.050	1.000	0	92.5	83.3	107			
Toluene	0.97	0.050	1.000	0	96.9	74.3	115			
Ethylbenzene	0.96	0.050	1.000	0	95.8	80.9	122			
Xylenes, Total	2.9	0.10	3.000	0	96.0	85.2	123			
Surr: 4-Bromofluorobenzene	0.96		1.000		95.9	80	120			

Sample ID: 1204A10-001AM	S Samp	Туре: М\$	6	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: SC-31	Bato	h ID: 17	07	F	RunNo: 2	439				
Prep Date: 4/26/2012	Analysis (Date: 4 /	27/2012	5	SeqNo: 6	7754	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.049	0.9747	0	99.0	67.2	113			
Toluene	1.0	0.049	0.9747	0	103	62.1	116			
Ethylbenzene	0.99	0.049	0.9747	0	102	67.9	127			
Xylenes, Total	3.0	0.097	2.924	0	103	60.6	134			
Surr: 4-Bromofluorobenzene	0.92		0.9747		93.9	80	120			

Sample ID: 1204A10-001AMS	D SampT	Гуре: МЅ	SD .	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: SC-31	Batch	h ID: 17 0	07	F	RunNo: 2	439				
Prep Date: 4/26/2012	Analysis D	Date: 4 /2	27/2012	8	SeqNo: 6	7755	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	0.9970	0	101	67.2	113	3.88	14.3	
Toluene	1.0	0.050	0.9970	0	104	62.1	116	3.22	15.9	
Ethylbenzene	1.0	0.050	0.9970	0	105	67.9	127	5.62	14.4	
Xylenes, Total	3.1	0.10	2.991	0	105	60.6	134	4.91	12.6	
Surr: 4-Bromofluorobenzene	0.95		0.9970		95.7	80	120	0	0	

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

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^{*/}X Value exceeds Maximum Contaminant Level.



Hall Environmental Analysis Laboratory 4901 Hawkins NL Albuquerque. NM 87105

Albuquerque. NM 87105 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Clie	nt Name:	Animas En	vironmental		Wo	ork Ord	der N	Numb	er: 1	1204A10				
Rec	eived by/date		7	04/26/12										
Log	ged By:	Ashley Gal	() llegos	4/26/2012 9:58	:00 AM				-	す				
Con	npleted By:	Ashley Gal	llegos	4/26/2012 10:3	0:16 AM				4	*				
Rev	iewed By:	ma		04/26/12)					V				
<u>Cha</u>	in of Cust	tody 🔾		पुरु व ।। य	•									
1.	Were seals i	intact?				Yes		No		Not Present	✓			
2.	Is Chain of C	Custody comp	plete?			Yes	~	No		Not Present				
3.	How was the	e sample deli	vered?			Cour	ier							
Log	<u>In</u>													
4.	Coolers are	present? (se	e 19. for coole	r specific information	٦)	Yes	•	No		NA				
5.	Was an atte	mpt made to	cool the samp	oles?		Yes	•	No		NA				
6.	Were all san	nples receive	ed at a temper	ature of >0° C to 6.0)°C	Yes	~	No		NA				
7.	Sample(s) in	n proper conta	ainer(s)?			Yes	•	No						
8.	Sufficient sa	mple volume	for indicated	test(s)?		Yes	✓	No						
9.	Are samples	s (except VO	A and ONG) p	roperly preserved?		Yes	√ i	No						
10.	Was preserv	vative added	to bottles?			Yes	:	No	V	NA				
11.	VOA vials ha	ave zero hea	dspace?			Yes		No	. :	No VOA Vials	•			
12.	Were any sa	ample contair	ners received l	oroken?		Yes		No	✓					
13.		work match b pancies on c	ottle labels? hain of custod	y)		Yes	V	No	:	# of pre bottles for pH:	served checked			
14.	Are matrices	s correctly ide	entified on Cha	ain of Custody?		Yes	•	No		·	,		2 unless r	oted)
15.	Is it clear wh	nat analyses	were requeste	d?		Yes	,	No		A	djusted?			
16.			ole to be met? authorization.)		Yes	V	No		C	necked by			
Spe		ling (if app		,						O,	lecked by	у.		
				with this order?		Yes		No		NA	~			
	Person	Notified:		and a second	Date	*********	Permi		i de la compania de	NÁMICY MA SAMBAN MICENT				
	By Who	om:		MENEL HANNING TO A MICHIGAN OF CHARLEST THE	Via:	eMa	il .	PI	none	Fax II	Person			
	Regard	_			***********		**************************************	Endasasamin	erie estas en		al de Samue en par , y par fig fights.	AL MANAGEM		
	Client I	nstructions:												
18.	Additional re	emarks:												
19.	Cooler Info		Condition	Seal Intact Sea	INo∣S	eal Da	ıte	I	Signo	ed Bv				

2.5

Good

Project #: Project Manage Sampler: Sampler: Type and # Vot Jar Received by:	Tel. 506-345-3975 Fave Manager: Project #: Project #		ادٌ اکّ	Chain-of-Custody Record	Turn-Around Time:	1,= 1				ĬĀ	HALL	F	IVI IS	23	N N	HALL ENVIRONMENTAL ANALYSIS LABORATORY	TAL	. >-
Project Manager Project Ma	Project ## - Abuquerque, NM 87109 Project ## - Abuquerque, NM 87109 Project ## - Abuquerque, NM 87109 Project Managgr:				Treprise.	1				€	w.ha	llenvir	ешио.	ntal.c	шо			
Tel. 505-345-3407 Project Manager: Project Manager:	Tet. 505-345-3975 The find attention of the first find at	illing Address: (2) 4 E. Cononche	: Coronc	الا	20	<u> </u>		4	301 H	awkins			dnerd	lue, N	M 871	60		
Project Manager: Container Tom Long	Bet ID Container Location Sample: Container Location Sample: Container Location Sample: Container Location Sample: Location Sample: Container Location Sample: Container Location Sample: Location Sample: Location Sample: Container Received by: termington New BIYOI	1 8740 M		Project #:			_	el. 50	5-345	3975	ŭ,	3x 50	5-345	-4107			2	
Project Managa: Sample: Ton Long Container Container Container Type and # Preservative and # Type BTEX + MTBE + TPH (Gas Only) BTEX + M	Project Managg: Sampler: Tom Long Sampler: Sa	1846-1913-505	1225-1								,	ınaly	sis Re	sanb	ţ			
Sample: Ton Long Container Preservative Type and # Type Hot. Ja. Type BTEX + MIBE + TMBE 4082 BTEX + MIBE + TPH (Gas of BAH) RCRA & Metals BTEX + MIBE + TPH (Gas of BAH) RCRA & Metals ROBY TYPE (Gas of BAH) ROBY TYPE + TMBE + TPH (Gas of BAH) ROBY TYPE + MIBE + TPH (Gas of BAH) ROBY TYPE + MIBE + TPH (Gas of BAH) ROBY TYPE + MIBE + TPH (Gas of BAH) ROBY TYPE + MIBE + TPH (Gas of BAH) ROBY TYPE + TMBE + TPH (Gas of BAH) ROBY TYPE + TMBE + TMBE + TPH (Gas of BAH) ROBY TYPE + TMBE + TMBE + TMBE + TPH (Gas of BAH) ROBY TYPE + TMBE + TM	Sample: Tom Long Container Preservative Type and # Type Type (Ges Of Container Preservative (Ges Of Container Preservativ	Ross Kennemer	Kenneme		Project Mana	ger:												···
Sampler: Tom Lang	Sampler: Dow Lang		□ Level 4 (Ft	III Validation)			Newer				······································			200 13				
Container Preservative Type and # Type W.Z. J. C.	Set 1D Container Preservative and # Type an	□ Other			Sampler:	Tom Lan	ර් ව							2000 / 9	(A			or M)
Container Type and # Type Type and # Type Wor Ju Te BTEX + MT	Set 1D Container Preservative Type and # Typ				भारता ब्लाह्म													٧)
1 402 Ja 7 Le -002 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Wor Jar Tee	Matrix Sample R	Sample R		Container Type and #	Preservative Type	$\widehat{\beta}_{n} \stackrel{\text{def}}{=} \widehat{\beta}_{n} \stackrel{\text{def}}{=$											Air Bubbles
3 1 1 1 1 1 1 1 1 1 1 1 1 1	-002 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18-75 1:05	563		Hor Jar	<u> I</u> ce	-00/	<u> </u>	メ									
3 4 4 4 4 4 4 4 4 4 4 4 4 4	-005 7	65-35	2-75	9			-002	\	Y									
7 -004 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	CONT Y Y Y Y Y Y Y Y Y	EE-33	26-3	3			-008	7	×									
3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	COO X X X COO X X X X X X X X X X	156-34	27-3	*			H00-	大	X									
3 3 3 4 4 4 4 4 5 7 8 8 8 8 8 8 8 8 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1	Received by: Received by: Received by: Received by: Date Time Remarks: A ST 1837 A ST 1837 A ST 1887 A	5-25	2-25	کر			-005	γ	У									
PS X X Y COS X X X X Y COS X X X X X X X X X X X X X X X X X X X		78-78	5-75	9			J00-	> 2	٧.									
Received by: Anthur Liberts 1337	Received by: Received by: Received by: Received by: Date Time Remarks: Received by: Date Time Remarks: Received by: Date Time Received by: Date Time	15-75	27-3	7			T00-	7	ሃ									
Received by: Mathulals 4 24 1337 Bill	Received by: Received by: Received by: Received by: Date Time Remarks: Received by: Date Time Received by: Date Time Received by: Date Time	85-75 851	5-25	88			-008	بر	٧									
Date Time Remarks: Sill	Received by: Another Liberts. 124/2 1337 Received by: Date Time Remarks: 8-11	68-38	36-3	39	>	Λ	-009	X	Z									
Date Time Remarks: Bill	Received by: Moth Lobelle 129/1 1337 Sill Received by: Date Time Remarks: Sill Applied Date Time Date Tim																	4
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