

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio 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.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Enterprise Products	Contact Aaron Dailey	
Address 614 Reilly Avenue, Farmington NM 87401	Telephone No. (505)599-2286	
Facility Name Chaco Gas Plant	Facility Type Gas Processing Plant	
Surface Owner Private	Mineral Owner Private	API No. 30-045-21859

LOCATION OF RELEASE

Unit Letter I	Section 16	Township 26N	Range 12W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
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Latitude _____ Longitude _____

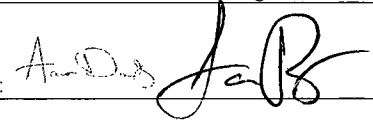
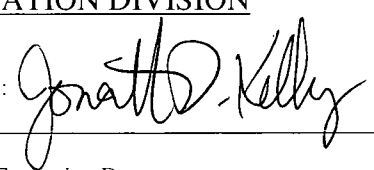
NATURE OF RELEASE

Type of Release Produced water, condensate and lube oil	Volume of Release 7-9 Barrels (est.)	Volume Recovered 36 yards of stained soil and oil mix
Source of Release 4" valve that froze and burst	Date and Hour of Occurrence 2.10.2012 @ 20:15 hours	Date and Hour of Discovery 2.10.2012 @ 20:15 hours
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

Describe Cause of Problem and Remedial Action Taken.* A line that has been out of service for several years had a rupture as a result of an ice freeze on this portion of the line, which de-inventoried water, condensate and lube oil directly below the valve rupture location. Upon discovery, employees shut the valves and cordoned the spill area. Stained soil in area was excavated by hand and was hauled to an OCD approved landfarm. Microbes were emplaced over the excavated area to enhance bioremediation, then straw was placed over the microbes. A third party environmental contractor conducted confirmation sampling and provided environmental oversight for these activities. A third party environmental report is attached to this final c-141 report.

Describe Area Affected and Cleanup Action Taken.* Area affected was soil directly beneath the burst valve on the plant piping inside the facility. Please refer to the text above. A third party environmental corrective action report is attached to this final c-141 report.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Aaron Dailey	Approved by Environmental Specialist: 	
Title: Field Environmental Scientist	Approval Date: 1/11/2013	Expiration Date:
E-mail Address: amdailey@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5.21.2012 Phone: (505)599-2286		

* Attach Additional Sheets If Necessary

NJK 1301155688

RCVD MAY 22 '12
OIL CONS. DIV.
DIST. 3



Animas Environmental Services, LLC

www.animasenvironmental.com

May 14, 2012

Aaron Dailey
Enterprise Products Company
614 Reilly Avenue
Farmington, New Mexico 87401

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

Durango, Colorado
970-403-3274

**RE: Chaco Plant Flare Line Release Report
San Juan County, New Mexico**

Dear Mr. Dailey:

RCVD MAY 22 '12

OIL CONS. DIV.

On February 17, 2012, Animas Environmental Services, LLC (AES) completed an assessment associated with a lube oil and condensate release from the Enterprise Products Company (Enterprise) Chaco Plant Flare Line. The release is located within Enterprise's Chaco Plant approximately 18 miles south of Farmington, San Juan County, New Mexico. The release resulted from a check valve failure on pressurized flare lines.

Site Information

1.1 Location

Location - SW¼ SW¼, Section 16, T26N, R12W, San Juan County, New Mexico

Latitude/Longitude - N36.48155 and W108.12327, respectively

Surface Owner – Private

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map

Figure 3. Excavation Soil Sample Locations Map, February 2012

1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and groundwater monitoring records reported that groundwater is approximately 23 feet below ground surface (bgs) at this facility. These records were used 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 nearby registered water well records were located. Note that there are registered water wells located outside the plant, but they are located more than 1,000 feet away.

Once on-site, AES personnel assessed the NMOCD ranking criteria using topographical interpretation, Global Position System (GPS) elevation readings, and visual reconnaissance. Based on an elevation differential between the release location and Gallegos Wash, groundwater is estimated to be greater than 50 feet bgs. Distance to the nearest surface water body, Gallegos Wash, is approximately 0.7 miles to the southwest of the release location. No domestic or private water sources were identified within 1,000 feet of the location. The location was assessed a NMOCD ranking score of 20.

1.3 Assessment and Mitigation

On February 17, 2012, Enterprise contractor Industrial Mechanical Incorporated, Inc. (IMI) removed the petroleum hydrocarbon contaminated soil from the release area at using hand tools. All soil removed was transported to the west side of the facility outside the fence and stockpiled on a plastic sheeting for waste characterization and subsequent disposal.

On the same day, AES collected soil confirmation samples to evaluate the level of soil contamination in the release area. Soil was removed with hand tools to a depth of approximately 0.3 feet bgs. Approximately 36 cubic yards of petroleum hydrocarbon contaminated soil was removed and stockpiled on plastic sheeting pending disposal at Envirotech Land farm near Bloomfield, New Mexico. A photograph log and the waste manifest are attached.

On February 22, 2012, Alpha Bioscience Company of Farmington, New Mexico, applied 700 gallons of microbial solution to the petroleum hydrocarbon contaminated area associated with the release (approximately 2,700 square feet). The microbial application will aid the degradation of the residual petroleum hydrocarbon contamination that was not removed during excavation activities because of the limited access to the release areas from natural gas refining equipment.

2.0 Soil Sampling

AES personnel collected five discrete soil samples (S-1 through S-5) from Area A for laboratory analysis. These five samples were then composited into soil sample (SC-1) for Area A. AES personnel then collected five additional soil composite samples (SC-2 through SC-6) from five separate sampling areas (Areas B through F). SC-7 was a composite sample from the stockpiled soils for waste characterization. Soil sample areas and locations are included on Figure 3.

2.1 Soil Laboratory Analyses

A total of 12 soil samples (S-1 through S-5 and SC-1 through SC-7) were submitted for laboratory analysis. The samples were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto a sample chain of custody record. The samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico. The 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), diesel range organics (DRO) and motor oil range organics (MRO) per USEPA Method 8015B;
- Resource Conservation and Recovery Act (RCRA) total metals, arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver per USEPA Method 6010B and mercury per USEPA Method 7471;
- TCLP RCRA 8 metals (SC-7).

2.2 Soil Laboratory Analytical Results

Soil laboratory analytical results for soil confirmation samples (S-1 through S-6) showed that benzene concentrations ranged from below laboratory detection limits in SC-2, SC-4, SC-5 and SC-6 up to 9.3 mg/kg in SC-1. Total BTEX concentrations in the soil confirmation samples were also below laboratory detection limits in SC-2, SC-4, SC-5 and SC-6, and the highest BTEX concentration was reported in SC-1 with 200.3 mg/kg. The highest TPH concentrations as GRO/DRO/MRO were reported in SC-1 with 1,600 mg/kg GRO, 780 mg/kg DRO, and 18,000 mg/kg MRO.

RCRA 8 metal concentrations showed that arsenic concentrations were below laboratory detection limits, with the exception of SC-3 (4.9 mg/kg). Silver and selenium concentrations were also below laboratory detection limits in all soil confirmation samples. Barium concentrations ranged from 88 mg/kg in SC-1 up to 180 mg/kg in SC-2. Chromium concentrations ranged from 6.7 mg/kg in SC-3 up to 14 mg/kg in SC-4 and SC-6, and lead concentrations ranged from 6.8 mg/kg up to 28 mg/kg. Mercury concentrations ranged from 0.12 mg/kg in SC-6 up to 0.84 mg/kg in SC-2. Laboratory analytical results for soil confirmation samples are summarized in Tables 1 and Table 2. The waste characterization results (SC-7) are included Tables 1 through 3. Laboratory analytical reports are attached.

4.0 Conclusions and Recommendations

AES personnel conducted a release assessment on February 17, 2012, at the Chaco Plant flare line release area. NMOCD action levels for releases are specified NMOCD's *Guidelines for Leaks, Spills, and Releases* (August 1993). Total BTEX and TPH concentrations exceeded NMOCD action levels in soil composite sample SC-1 with 200.3 mg/kg total BTEX and with 1,600 mg/kg GRO, 780 mg/kg DRO, and 18,000 mg/kg MRO. All other soil confirmation samples were either below laboratory detection limits or below applicable NMOCD action levels.

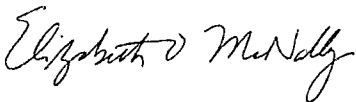
Alpha Bioscience applied 700 gallons of microbial solution to the petroleum hydrocarbon contaminated area within the release excavation (approximately 2,700 square feet). AES recommends two additional treatments of the microbial solution of the impacted area in June and September 2012 to aid the natural remediation of the residual hydrocarbon contamination. After the two subsequent microbial treatments, AES recommends additional confirmation soil sampling.

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,



Thomas Long
Project Manager



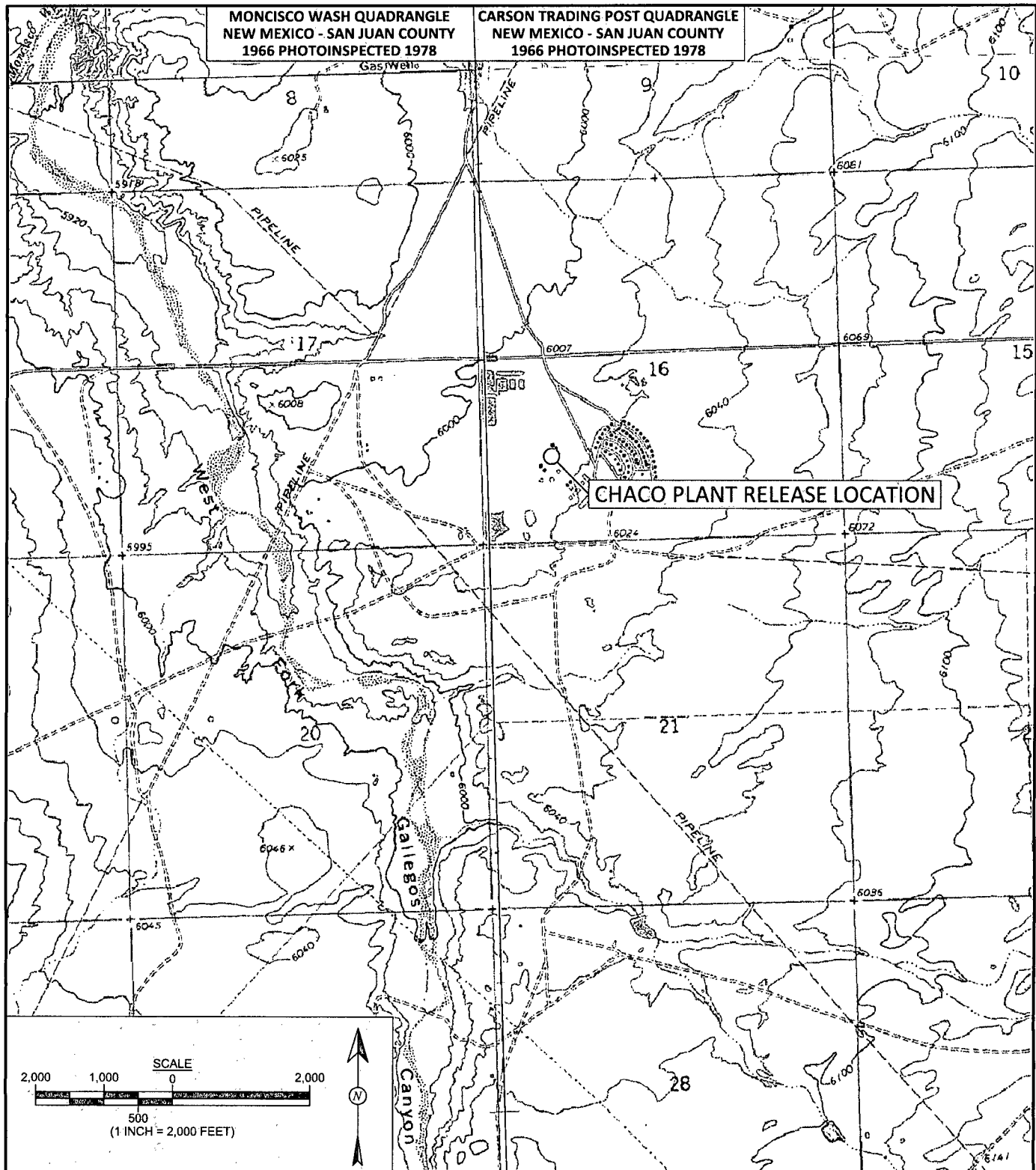
Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map
- Figure 3. Excavation Soil Sample Locations Map, February 2012
- Table 1. Summary of Laboratory Analytical Results
- Table 2. Summary of Soil Metals
- Table 3. Summary of TCLP Metals (Waste Characterization)

Photograph Log
Bills of Lading (Envirotech #41071)
Laboratory Analytical Reports (Hall 1202676)

S:\Animas 2000\2012 Projects\Enterprise\Chaco Plant Flare Line Release\Chaco Plant Flare Line Release
Report 051412.docx



Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: February 24, 2012
REVISIONS BY: C. Lameman	DATE REVISED: February 24, 2012
CHECKED BY: E. McNally	DATE CHECKED: May 14, 2012
APPROVED BY: E. McNally	DATE APPROVED: May 14, 2012

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
ENTERPRISE PRODUCTS COMPANY
CHACO PLANT FLARE LINE RELEASE
SAN JUAN COUNTY, NEW MEXICO
SW¼, SW¼, SECTION 16, T26N, R12W
N36.48155, W108.12327

MAP SOURCE: (c) 2011 PICTOMETRY INTERNATIONAL CORP. ONLINE, AERIAL TAKEN ON MARCH 1, 2009

EXCAVATION AREA

SCALE
50 30 0 50
10
(1 INCH = 50 FEET)



Animas Environmental Services, LLC

DRAWN BY:
N. Willis

DATE DRAWN:
February 27, 2012

REVISIONS BY:
N. Willis

DATE REVISED:
February 27, 2012

CHECKED BY:
T. Long

DATE CHECKED:
April 2, 2012

APPROVED BY:
E. McNally

DATE APPROVED:
May 14, 2012

FIGURE 2

AERIAL SITE MAP
ENTERPRISE PRODUCTS COMPANY
CHACO PLANT FLARE LINE RELEASE
SAN JUAN COUNTY, NEW MEXICO
SW $\frac{1}{4}$, SW $\frac{1}{4}$, SECTION 16, T26N, R12W
N36.48155, W108.12327

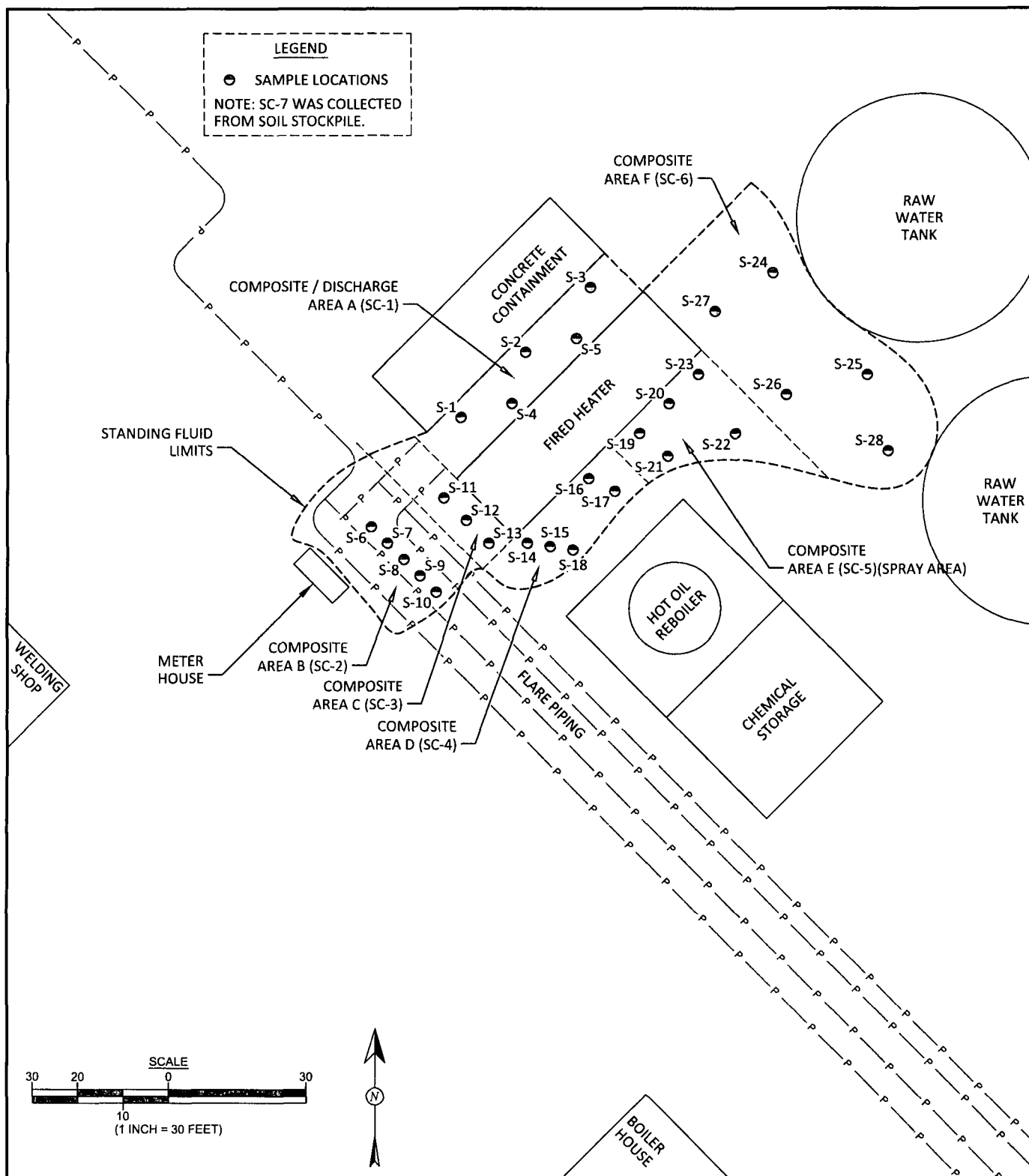


FIGURE 3

**EXCAVATION SOIL SAMPLE LOCATIONS
 FEBRUARY 2012**

ENTERPRISE PRODUCTS COMPANY
 CHACO PLANT FLARE LINE RELEASE
 SAN JUAN COUNTY, NEW MEXICO
 SW¼, SW¼, SECTION 16, T26N, R12W
 N36.48155, W108.12327



Animas Environmental Services, LLC

DRAWN BY:

N. Willis

DATE DRAWN:

February 27, 2012

REVISIONS BY:

N. Willis

DATE REVISED:

February 29, 2012

CHECKED BY:

T. Long

DATE CHECKED:

April 2, 2012

APPROVED BY:

E. McNally

DATE APPROVED:

May 14, 2012

TABLE 1
SUMMARY OF LABORATORY ANALYTICAL RESULTS
Enterprise Chaco Plant Flare Line Release February 2012
San Juan County, New Mexico

<i>Sample ID</i>	<i>Date Sampled</i>	<i>Depth (feet)</i>	<i>Benzene (mg/kg)</i>	<i>Toluene (mg/kg)</i>	<i>Ethyl-benzene (mg/kg)</i>	<i>Xylene (mg/kg)</i>	<i>BTEX (mg/kg)</i>	<i>GRO (C6-C10) (mg/kg)</i>	<i>DRO (C10-C22)</i>	<i>MRO (C-22-C-36)</i>
NMOCD Action Level			10	NE			50	5000		
S-1	17-Feb-12	0.33	6.1	56	7.8	80	149.9	850	1,600	36,000
S-2	17-Feb-12	0.33	15	130	12	120	277	1,500	1,000	24,000
S-3	17-Feb-12	0.33	2.1	38	6.4	67	113.5	650	760	16,000
S-4	17-Feb-12	0.33	25	180	19	190	414	2,900	580	15,000
S-5	17-Feb-12	0.33	<0.24	4.2	2.6	35	41.8	330	570	14,000
SC-1	17-Feb-12	0.33	9.3	80	11	100	200.3	1,600	780	18,000
SC-2	17-Feb-12	0.33	<0.049	<0.049	<0.049	<0.098	<0.245	<4.9	47	410
SC-3	17-Feb-12	0.33	0.075	1.3	0.25	3.1	4.725	41	180	2,500
SC-4	17-Feb-12	0.33	<0.048	<0.048	<0.048	<0.095	<0.229	<4.8	12	210
SC-5	17-Feb-12	0.33	<0.049	<0.049	<0.049	<0.098	<0.245	<4.9	<9.9	120
SC-6	17-Feb-12	0.33	<0.048	<0.048	<0.048	<0.095	<0.229	<4.8	<10	<50
SC-7 (Stockpile)	17-Feb-12	NA	0.9	17	3.1	35	56	330	<1,000	11,000

NOTES

NE = Not Established

NA = Not Analyzed

TABLE 2
SUMMARY OF SOIL METALS
Enterprise Chaco Plant Flare Line Release February 2012
San Juan County, New Mexico

<i>Sample ID</i>	<i>Sample Date</i>	<i>Sample Depth (ft)</i>	<i>Arsenic (mg/kg)</i>	<i>Barium (mg/kg)</i>	<i>Cadmium (mg/kg)</i>	<i>Chromium (mg/kg)</i>	<i>Lead (mg/kg)</i>	<i>Selenium (mg/kg)</i>	<i>Silver (mg/kg)</i>	<i>Mercury (mg/kg)</i>
<i>Analytical Methods</i>			6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471
<i>NMED SSLs - Industrial</i>			17.7	100,000	564	NE	800	5,680	5,680	100,000
<i>NMED SSLs - GW Leaching DAF 1</i>			0.0145	301	1.37	NE	NE	0.952	1.57	0.105
S-1	17-Feb-12	0.33	<12	89	0.67	13	13	<12	<1.2	6.9
S-2	17-Feb-12	0.33	<12	81	0.58	18	22	<12	<1.2	4.1
S-3	17-Feb-12	0.33	<12	74	<0.50	13	12	<12	<1.2	4.2
S-4	17-Feb-12	0.33	<12	110	<0.50	12	7.3	<12	<1.2	3.7
S-5	17-Feb-12	0.33	<12	100	0.79	17	20	<12	<1.2	4.5
SC-1	17-Feb-12	0.33	<12	88	0.51	13	18	<12	<1.2	5.5
SC-2	17-Feb-12	0.33	<12	180	<0.50	10	9.4	<12	<1.2	0.84
SC-3	17-Feb-12	0.33	4.9	91	0.23	6.7	6.8	<2.5	<0.25	0.29
SC-4	17-Feb-12	0.33	<12	110	<0.50	14	28	<12	<1.2	0.17
SC-5	17-Feb-12	0.33	<12	94	<0.50	7.5	10	<12	<1.2	0.16
SC-6	17-Feb-12	0.33	<12	110	<0.50	14	7.5	<12	<1.2	0.12
SC-7 (Stockpile)	17-Feb-12	0.33	<7.1	94	1.0	11	16	<12	<1.2	6.7

Note: NA = Not Analyzed
NE - Not Established

TABLE 3
SUMMARY OF SOIL TCLP METALS
Enterprise Chaco Plant Flare Line Release February 2012
San Juan County, New Mexico

<i>Sample ID</i>	<i>Sample Date</i>	<i>Sample Depth (ft)</i>	<i>Arsenic (mg/L)</i>	<i>Barium (mg/L)</i>	<i>Cadmium (mg/L)</i>	<i>Chromium (mg/L)</i>	<i>Lead (mg/L)</i>	<i>Selenium (mg/L)</i>	<i>Silver (mg/L)</i>	<i>Mercury (mg/L)</i>
<i>Analytical Method</i>			<i>TCLP</i>	<i>TCLP</i>	<i>TCLP</i>	<i>TCLP</i>	<i>TCLP</i>	<i>TCLP</i>	<i>TCLP</i>	<i>TCLP</i>
SC-7 (Stockpile)	17-Feb-12	0.33	<5.0	100	<1.0	<5.0	<5.0	<1.0	<5.0	<0.020

Note: NA = Not Analyzed

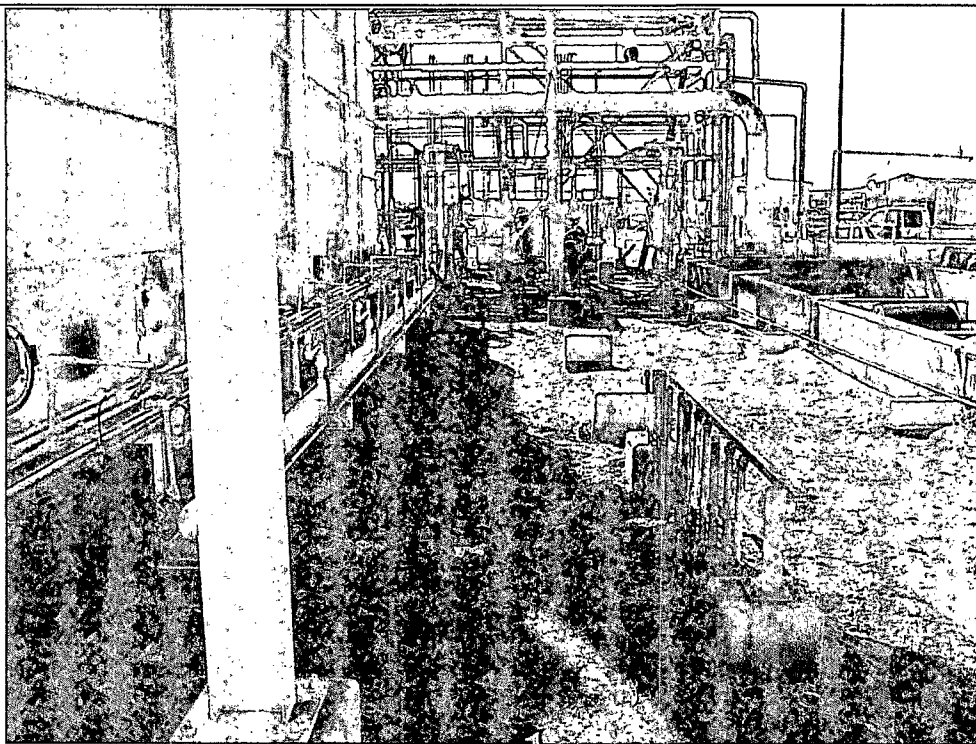
Photo #1	
Client: Enterprise Products Company	
Project: Chaco Plant Flare Line Release	
Taken by: Tom Long	
February 17, 2012	
AES Project No: 120218	Description: View of soil composite sample Area A.

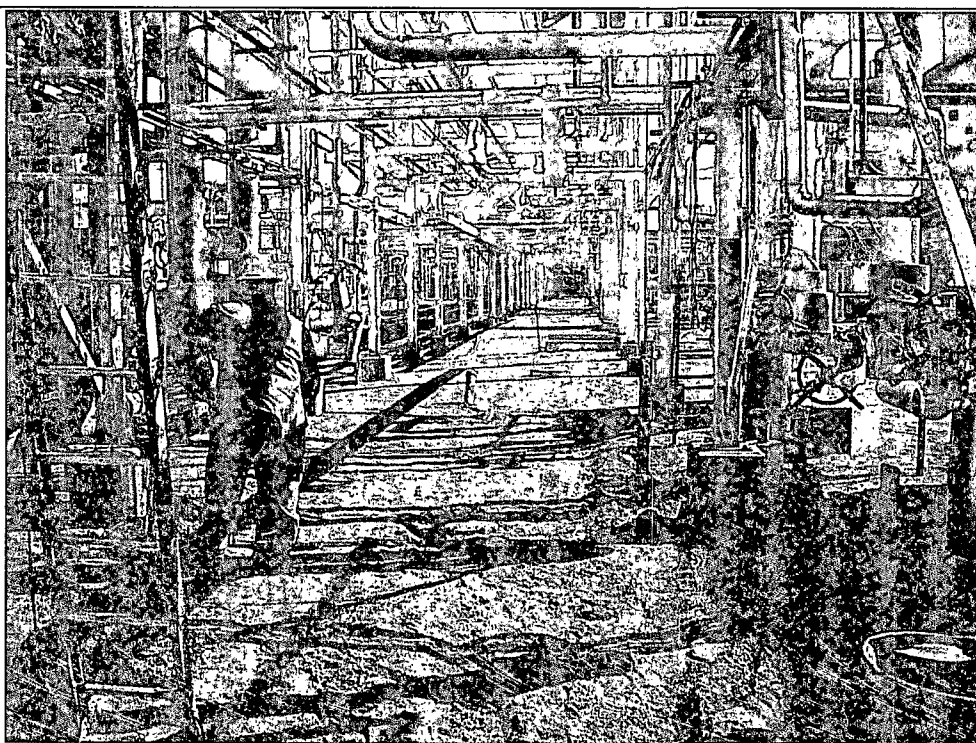
Photo #2	
Client: Enterprise Products Company	
Project: Chaco Plant Flare Line Release	
Taken by: Tom Long	
February 17, 2012	
AES Project No: 120218	Description: View of soil composite sample Area B.

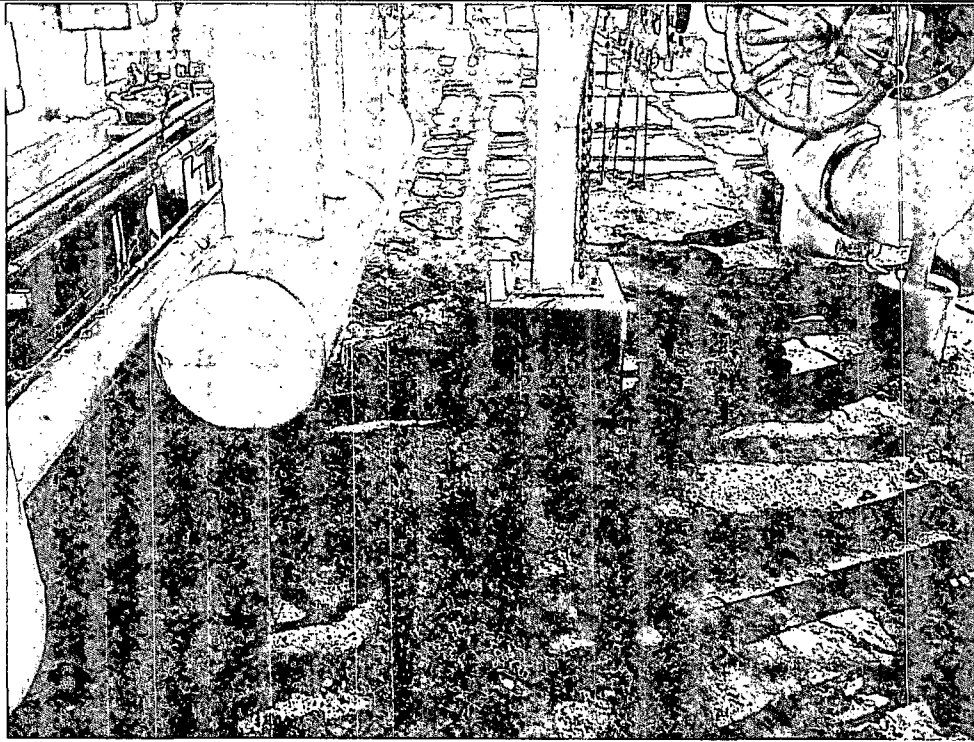
Photo #3	
Client: Enterprise Products Company	
Project: Chaco Plant Flare Line Release	
Taken by: Tom Long	
February 17, 2012	
AES Project No: 120218	Description: View of soil composite sample Area C.

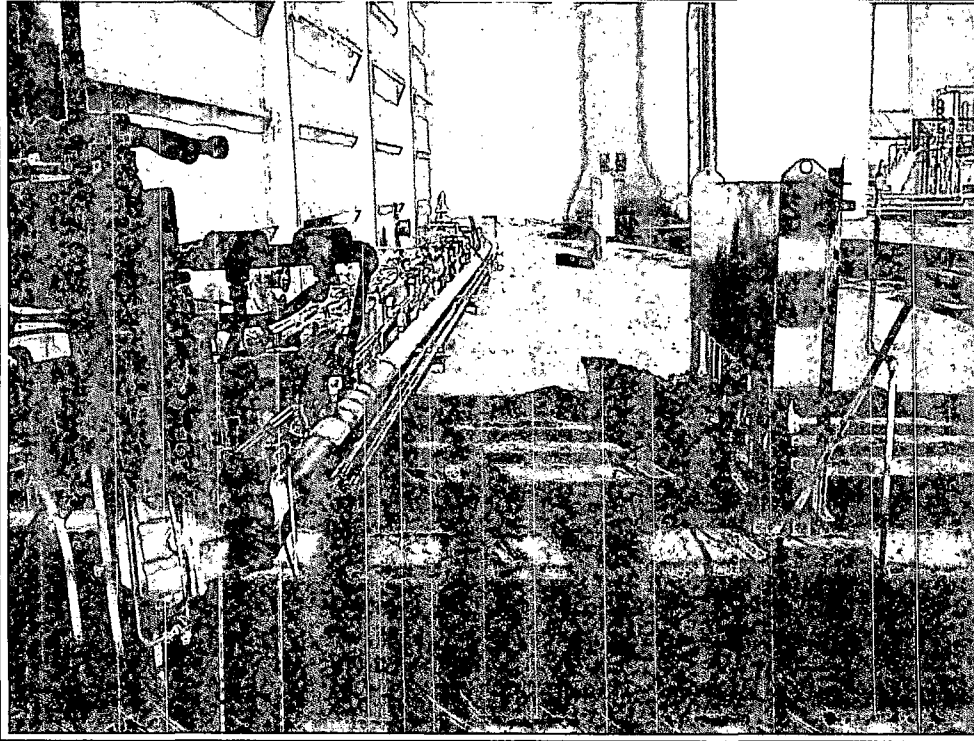
Photo #4	
Client: Enterprise Products Company	
Project: Chaco Plant Flare Line Release	
Taken by: Tom Long	
February 17, 2012	
AES Project No: 120218	Description: View of soil composite sample Area D.

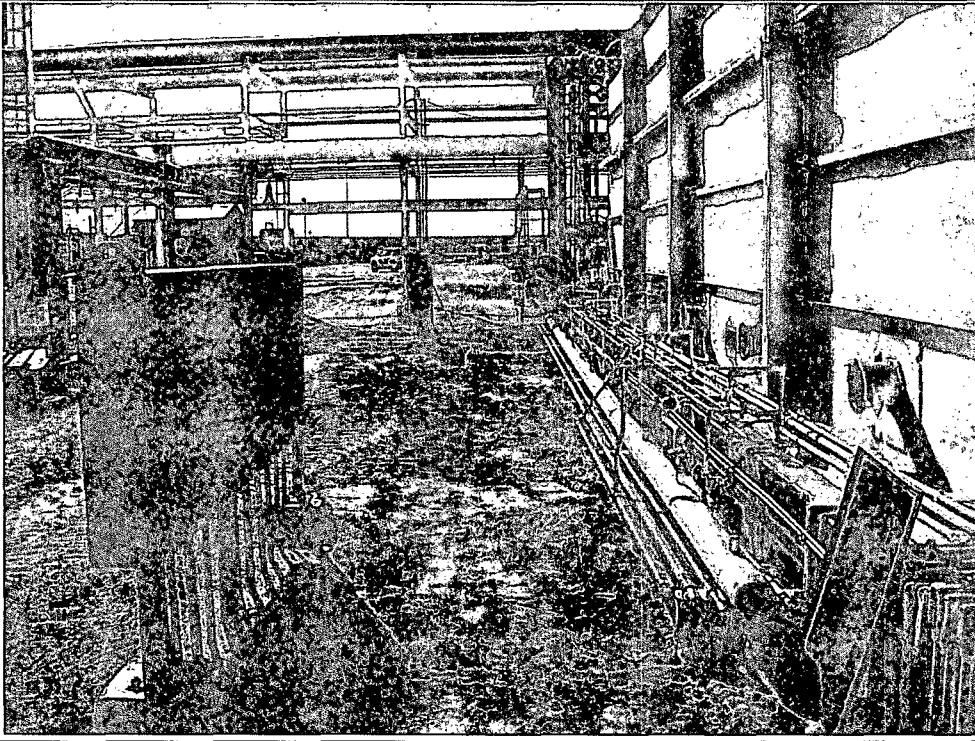
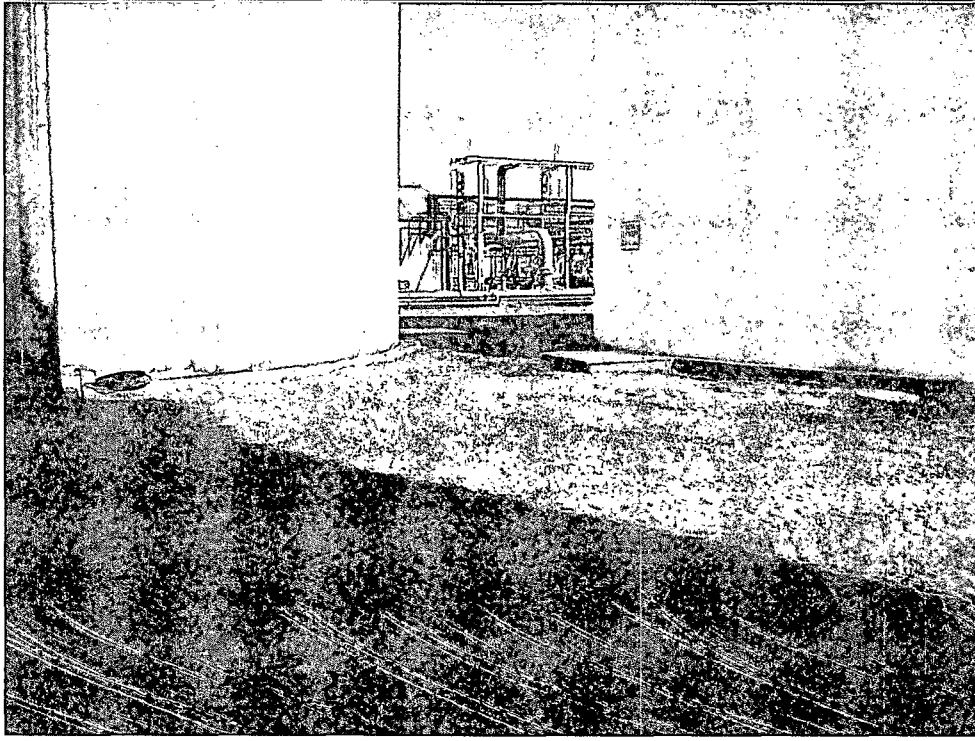
Photo #5	
Client: Enterprise Products Company	
Project: Chaco Plant Flare Line Release	
Taken by: Tom Long	
February 17, 2012	
AES Project No: 120218	Description: View of soil composite sample Area E.

Photo #6	
Client: Enterprise Products Company	
Project: Chaco Plant Flare Line Release	
Taken by: Tom Long	
February 17, 2012	
AES Project No: 120218	Description: View of soil composite sample Area F.



Bill of Lading

MANIFEST # 41071
DATE 3-28-12 JOB # 97057-0500

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise	LFI-5	CON'T SOIL	B-39	9	-	IMT	2040	850	Danny Martin
2	Chaco Plant	"	"	C-39	9	-	"	2040	1000	Danny Martin
3	East Side of Flair	"	"	C-39	9	-	"	2040	1111	Danny Martin
4		"	"	C-39	9	-	"	2040	1246	Danny Martin
RESULTS:		LANDFARM EMPLOYEE: <i>Guy Falinson</i>	NOTES:							
CHLORIDE TEST	PAINT FILTER TEST									
		Certification of above receipt & placement								

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. IMI NAME Nanny Martin SIGNATURE Nanny Martin
COMPANY CONTACT 325 5005 PHONE 325 5005 DATE 3-28-12

Signatures required prior to distribution of the legal document.

White - Company Records, Yellow - Billing, Pink - Customer

san juan reproduction 578-126



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

March 08, 2012

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

RE: Chaco Plant Flare Tower

OrderNo.: 1202676

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 12 sample(s) on 2/21/2012 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued February 28, 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
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: S-1

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 12:30:00 PM

Lab ID: 1202676-001

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	1,600	510		mg/Kg	50	2/22/2012 7:09:11 PM
Motor Oil Range Organics (MRO)	36,000	2,500		mg/Kg	50	2/22/2012 7:09:11 PM
Surr: DNOP	0	77.4-131	S	%REC	50	2/22/2012 7:09:11 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	850	96		mg/Kg	20	2/22/2012 2:44:10 PM
Surr: BFB	130	69.7-121	S	%REC	20	2/22/2012 2:44:10 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	6.1	0.96		mg/Kg	20	2/22/2012 2:44:10 PM
Toluene	56	0.96		mg/Kg	20	2/22/2012 2:44:10 PM
Ethylbenzene	7.8	0.96		mg/Kg	20	2/22/2012 2:44:10 PM
Xylenes, Total	80	1.9		mg/Kg	20	2/22/2012 2:44:10 PM
Surr: 4-Bromofluorobenzene	105	85.3-139		%REC	20	2/22/2012 2:44:10 PM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	6.9	1.6		mg/Kg	50	2/27/2012 2:28:43 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:25:24 PM
Barium	89	0.50		mg/Kg	5	2/24/2012 3:25:24 PM
Cadmium	0.67	0.50		mg/Kg	5	2/24/2012 3:25:24 PM
Chromium	13	1.5		mg/Kg	5	2/24/2012 3:25:24 PM
Lead	13	1.2		mg/Kg	5	2/24/2012 3:25:24 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:25:24 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:25:24 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: S-2

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 12:32:00 PM

Lab ID: 1202676-002

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	1,000	480		mg/Kg	50	2/22/2012 7:30:32 PM
Motor Oil Range Organics (MRO)	24,000	2,400		mg/Kg	50	2/22/2012 7:30:32 PM
Surr: DNOP	0	77.4-131	S	%REC	50	2/22/2012 7:30:32 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	1,500	95		mg/Kg	20	2/22/2012 3:44:50 PM
Surr: BFB	146	69.7-121	S	%REC	20	2/22/2012 3:44:50 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	15	0.95		mg/Kg	20	2/22/2012 3:44:50 PM
Toluene	130	4.7		mg/Kg	100	2/24/2012 12:14:11 AM
Ethylbenzene	12	0.95		mg/Kg	20	2/22/2012 3:44:50 PM
Xylenes, Total	120	1.9		mg/Kg	20	2/22/2012 3:44:50 PM
Surr: 4-Bromofluorobenzene	112	85.3-139		%REC	20	2/22/2012 3:44:50 PM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	4.1	0.66		mg/Kg	20	2/27/2012 2:25:08 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:39:09 PM
Barium	81	0.50		mg/Kg	5	2/24/2012 3:39:09 PM
Cadmium	0.58	0.50		mg/Kg	5	2/24/2012 3:39:09 PM
Chromium	18	1.5		mg/Kg	5	2/24/2012 3:39:09 PM
Lead	22	1.2		mg/Kg	5	2/24/2012 3:39:09 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:39:09 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:39:09 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: S-3

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 12:34:00 PM

Lab ID: 1202676-003

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JPM
Diesel Range Organics (DRO)	760	480		mg/Kg	50	2/22/2012 7:51:54 PM
Motor Oil Range Organics (MRO)	16,000	2,400		mg/Kg	50	2/22/2012 7:51:54 PM
Surr: DNOP	0	77.4-131	S	%REC	50	2/22/2012 7:51:54 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	650	48		mg/Kg	10	2/22/2012 4:47:59 PM
Surr: BFB	139	69.7-121	S	%REC	10	2/22/2012 4:47:59 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	2.1	0.48		mg/Kg	10	2/22/2012 4:47:59 PM
Toluene	38	0.48		mg/Kg	10	2/22/2012 4:47:59 PM
Ethylbenzene	6.4	0.48		mg/Kg	10	2/22/2012 4:47:59 PM
Xylenes, Total	67	0.97		mg/Kg	10	2/22/2012 4:47:59 PM
Surr: 4-Bromofluorobenzene	123	85.3-139		%REC	10	2/22/2012 4:47:59 PM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	4.2	0.66		mg/Kg	20	2/27/2012 2:26:55 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:41:04 PM
Barium	74	0.50		mg/Kg	5	2/24/2012 3:41:04 PM
Cadmium	ND	0.50		mg/Kg	5	2/24/2012 3:41:04 PM
Chromium	13	1.5		mg/Kg	5	2/24/2012 3:41:04 PM
Lead	12	1.2		mg/Kg	5	2/24/2012 3:41:04 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:41:04 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:41:04 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: S-4

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 12:36:00 PM

Lab ID: 1202676-004

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	580	520		mg/Kg	50	2/22/2012 8:55:57 PM
Motor Oil Range Organics (MRO)	15,000	2,600		mg/Kg	50	2/22/2012 8:55:57 PM
Surr: DNOP	0	77.4-131	S	%REC	50	2/22/2012 8:55:57 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	2,900	47		mg/Kg	10	2/22/2012 5:48:22 PM
Surr: BFB	153	69.7-121	S	%REC	10	2/22/2012 5:48:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	25	0.47		mg/Kg	10	2/22/2012 5:48:22 PM
Toluene	180	4.7		mg/Kg	100	2/24/2012 1:14:26 AM
Ethylbenzene	19	0.47		mg/Kg	10	2/22/2012 5:48:22 PM
Xylenes, Total	190	9.4		mg/Kg	100	2/24/2012 1:14:26 AM
Surr: 4-Bromofluorobenzene	97.7	85.3-139		%REC	10	2/22/2012 5:48:22 PM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	3.7	1.6		mg/Kg	50	2/27/2012 2:30:30 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:42:55 PM
Barium	110	0.50		mg/Kg	5	2/24/2012 3:42:55 PM
Cadmium	ND	0.50		mg/Kg	5	2/24/2012 3:42:55 PM
Chromium	12	1.5		mg/Kg	5	2/24/2012 3:42:55 PM
Lead	7.3	1.2		mg/Kg	5	2/24/2012 3:42:55 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:42:55 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:42:55 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

CLIENT: Animas Environmental Services

Client Sample ID: S-5

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 12:38:00 PM

Lab ID: 1202676-005

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	570	480		mg/Kg	50	2/22/2012 9:17:24 PM
Motor Oil Range Organics (MRO)	14,000	2,400		mg/Kg	50	2/22/2012 9:17:24 PM
Surr: DNOP	0	77.4-131	S	%REC	50	2/22/2012 9:17:24 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	330	24		mg/Kg	5	2/22/2012 6:48:56 PM
Surr: BFB	166	69.7-121	S	%REC	5	2/22/2012 6:48:56 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.24		mg/Kg	5	2/22/2012 6:48:56 PM
Toluene	4.2	0.24		mg/Kg	5	2/22/2012 6:48:56 PM
Ethylbenzene	2.6	0.24		mg/Kg	5	2/22/2012 6:48:56 PM
Xylenes, Total	35	0.48		mg/Kg	5	2/22/2012 6:48:56 PM
Surr: 4-Bromofluorobenzene	100	85.3-139		%REC	5	2/22/2012 6:48:56 PM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	4.5	1.6		mg/Kg	50	2/27/2012 2:39:11 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:44:48 PM
Barium	100	0.50		mg/Kg	5	2/24/2012 3:44:48 PM
Cadmium	0.79	0.50		mg/Kg	5	2/24/2012 3:44:48 PM
Chromium	17	1.5		mg/Kg	5	2/24/2012 3:44:48 PM
Lead	20	1.2		mg/Kg	5	2/24/2012 3:44:48 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:44:48 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:44:48 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-1

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 12:40:00 PM

Lab ID: 1202676-006

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	780	480		mg/Kg	50	2/22/2012 9:38:54 PM
Motor Oil Range Organics (MRO)	18,000	2,400		mg/Kg	50	2/22/2012 9:38:54 PM
Surr: DNOP	0	77.4-131	S	%REC	50	2/22/2012 9:38:54 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	1,600	24		mg/Kg	5	2/22/2012 7:49:27 PM
Surr: BFB	237	69.7-121	S	%REC	5	2/22/2012 7:49:27 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	9.3	0.24		mg/Kg	5	2/22/2012 7:49:27 PM
Toluene	80	4.8		mg/Kg	100	2/24/2012 2:14:54 AM
Ethylbenzene	11	0.24		mg/Kg	5	2/22/2012 7:49:27 PM
Xylenes, Total	100	9.5		mg/Kg	100	2/24/2012 2:14:54 AM
Surr: 4-Bromofluorobenzene	125	85.3-139		%REC	5	2/22/2012 7:49:27 PM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	5.5	1.6		mg/Kg	50	2/27/2012 2:33:52 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:46:43 PM
Barium	88	0.50		mg/Kg	5	2/24/2012 3:46:43 PM
Cadmium	0.51	0.50		mg/Kg	5	2/24/2012 3:46:43 PM
Chromium	13	1.5		mg/Kg	5	2/24/2012 3:46:43 PM
Lead	18	1.2		mg/Kg	5	2/24/2012 3:46:43 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:46:43 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:46:43 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-2

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 12:55:00 PM

Lab ID: 1202676-007

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	47	10		mg/Kg	1	2/23/2012 8:38:08 AM
Motor Oil Range Organics (MRO)	410	50		mg/Kg	1	2/23/2012 8:38:08 AM
Surr: DNOP	93.2	77.4-131		%REC	1	2/23/2012 8:38:08 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/22/2012 8:50:03 PM
Surr: BFB	123	69.7-121	S	%REC	1	2/22/2012 8:50:03 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.049		mg/Kg	1	2/22/2012 8:50:03 PM
Toluene	ND	0.049		mg/Kg	1	2/22/2012 8:50:03 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/22/2012 8:50:03 PM
Xylenes, Total	ND	0.098		mg/Kg	1	2/22/2012 8:50:03 PM
Surr: 4-Bromofluorobenzene	101	85.3-139		%REC	1	2/22/2012 8:50:03 PM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	0.84	0.33		mg/Kg	10	2/27/2012 2:40:57 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:48:36 PM
Barium	180	0.50		mg/Kg	5	2/24/2012 3:48:36 PM
Cadmium	ND	0.50		mg/Kg	5	2/24/2012 3:48:36 PM
Chromium	10	1.5		mg/Kg	5	2/24/2012 3:48:36 PM
Lead	9.4	1.2		mg/Kg	5	2/24/2012 3:48:36 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:48:36 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:48:36 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

CLIENT: Animas Environmental Services

Client Sample ID: SC-3

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 1:02:00 PM

Lab ID: 1202676-008

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	180	100		mg/Kg	10	2/22/2012 6:26:31 PM
Motor Oil Range Organics (MRO)	2,500	500		mg/Kg	10	2/22/2012 6:26:31 PM
Surr: DNOP	0	77.4-131	S	%REC	10	2/22/2012 6:26:31 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	41	4.8		mg/Kg	1	2/23/2012 1:22:02 AM
Surr: BFB	119	69.7-121		%REC	1	2/23/2012 1:22:02 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	0.075	0.048		mg/Kg	1	2/23/2012 1:22:02 AM
Toluene	1.3	0.048		mg/Kg	1	2/23/2012 1:22:02 AM
Ethylbenzene	0.25	0.048		mg/Kg	1	2/23/2012 1:22:02 AM
Xylenes, Total	3.1	0.095		mg/Kg	1	2/23/2012 1:22:02 AM
Surr: 4-Bromofluorobenzene	108	85.3-139		%REC	1	2/23/2012 1:22:02 AM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	0.29	0.033		mg/Kg	1	2/27/2012 1:57:47 PM
EPA METHOD 6010B: SOIL METALS						Analyst: ELS
Arsenic	4.9	2.5		mg/Kg	1	2/22/2012 8:25:11 AM
Barium	91	0.50		mg/Kg	5	2/24/2012 3:50:31 PM
Cadmium	0.23	0.10		mg/Kg	1	2/22/2012 8:25:11 AM
Chromium	6.7	0.30		mg/Kg	1	2/22/2012 8:25:11 AM
Lead	6.8	0.25		mg/Kg	1	2/22/2012 8:25:11 AM
Selenium	ND	2.5		mg/Kg	1	2/22/2012 8:25:11 AM
Silver	ND	0.25		mg/Kg	1	2/22/2012 8:25:11 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-4

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 1:15:00 PM

Lab ID: 1202676-009

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	12	9.9		mg/Kg	1	2/23/2012 8:59:41 AM
Motor Oil Range Organics (MRO)	210	50		mg/Kg	1	2/23/2012 8:59:41 AM
Surr: DNOP	90.1	77.4-131		%REC	1	2/23/2012 8:59:41 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/23/2012 1:52:17 AM
Surr: BFB	120	69.7-121		%REC	1	2/23/2012 1:52:17 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.048		mg/Kg	1	2/23/2012 1:52:17 AM
Toluene	ND	0.048		mg/Kg	1	2/23/2012 1:52:17 AM
Ethylbenzene	ND	0.048		mg/Kg	1	2/23/2012 1:52:17 AM
Xylenes, Total	ND	0.095		mg/Kg	1	2/23/2012 1:52:17 AM
Surr: 4-Bromofluorobenzene	108	85.3-139		%REC	1	2/23/2012 1:52:17 AM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	0.17	0.033		mg/Kg	1	2/27/2012 1:59:33 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:52:23 PM
Barium	110	0.50		mg/Kg	5	2/24/2012 3:52:23 PM
Cadmium	ND	0.50		mg/Kg	5	2/24/2012 3:52:23 PM
Chromium	14	1.5		mg/Kg	5	2/24/2012 3:52:23 PM
Lead	28	1.2		mg/Kg	5	2/24/2012 3:52:23 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:52:23 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:52:23 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-5

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 1:17:00 PM

Lab ID: 1202676-010

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	2/23/2012 9:21:25 AM
Motor Oil Range Organics (MRO)	120	50		mg/Kg	1	2/23/2012 9:21:25 AM
Surr: DNOP	87.8	77.4-131		%REC	1	2/23/2012 9:21:25 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/23/2012 2:22:24 AM
Surr: BFB	114	69.7-121		%REC	1	2/23/2012 2:22:24 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.049		mg/Kg	1	2/23/2012 2:22:24 AM
Toluene	ND	0.049		mg/Kg	1	2/23/2012 2:22:24 AM
Ethylbenzene	ND	0.049		mg/Kg	1	2/23/2012 2:22:24 AM
Xylenes, Total	ND	0.098		mg/Kg	1	2/23/2012 2:22:24 AM
Surr: 4-Bromofluorobenzene	106	85.3-139		%REC	1	2/23/2012 2:22:24 AM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	0.16	0.033		mg/Kg	1	2/27/2012 2:01:19 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:54:17 PM
Barium	94	0.50		mg/Kg	5	2/24/2012 3:54:17 PM
Cadmium	ND	0.50		mg/Kg	5	2/24/2012 3:54:17 PM
Chromium	7.5	1.5		mg/Kg	5	2/24/2012 3:54:17 PM
Lead	10	1.2		mg/Kg	5	2/24/2012 3:54:17 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:54:17 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:54:17 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

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-6

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 1:35:00 PM

Lab ID: 1202676-011

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/23/2012 10:04:07 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/23/2012 10:04:07 AM
Surr: DNOP	92.8	77.4-131		%REC	1	2/23/2012 10:04:07 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/23/2012 2:54:20 AM
Surr: BFB	91.8	69.7-121		%REC	1	2/23/2012 2:54:20 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.048		mg/Kg	1	2/23/2012 2:54:20 AM
Toluene	ND	0.048		mg/Kg	1	2/23/2012 2:54:20 AM
Ethylbenzene	ND	0.048		mg/Kg	1	2/23/2012 2:54:20 AM
Xylenes, Total	ND	0.095		mg/Kg	1	2/23/2012 2:54:20 AM
Surr: 4-Bromofluorobenzene	87.0	85.3-139		%REC	1	2/23/2012 2:54:20 AM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	0.12	0.033		mg/Kg	1	2/27/2012 2:03:06 PM
EPA METHOD 6010B: SOIL METALS						Analyst: RAG
Arsenic	ND	12		mg/Kg	5	2/24/2012 3:56:07 PM
Barium	110	0.50		mg/Kg	5	2/24/2012 3:56:07 PM
Cadmium	ND	0.50		mg/Kg	5	2/24/2012 3:56:07 PM
Chromium	14	1.5		mg/Kg	5	2/24/2012 3:56:07 PM
Lead	7.5	1.2		mg/Kg	5	2/24/2012 3:56:07 PM
Selenium	ND	12		mg/Kg	5	2/24/2012 3:56:07 PM
Silver	ND	1.2		mg/Kg	5	2/24/2012 3:56:07 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1202676

Date Reported: 3/8/2012

CLIENT: Animas Environmental Services

Client Sample ID: SC-7

Project: Chaco Plant Flare Tower

Collection Date: 2/17/2012 1:47:00 PM

Lab ID: 1202676-012

Matrix: SOIL

Received Date: 2/21/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMF
Diesel Range Organics (DRO)	ND	1,000		mg/Kg	100	2/23/2012 10:27:29 AM
Motor Oil Range Organics (MRO)	11,000	5,000		mg/Kg	100	2/23/2012 10:27:29 AM
Surr: DNOP	0	77.4-131	S	%REC	100	2/23/2012 10:27:29 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	330	46		mg/Kg	10	2/23/2012 3:24:30 AM
Surr: BFB	96.7	69.7-121		%REC	10	2/23/2012 3:24:30 AM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	0.90	0.46		mg/Kg	10	2/23/2012 3:24:30 AM
Toluene	17	0.46		mg/Kg	10	2/23/2012 3:24:30 AM
Ethylbenzene	3.1	0.46		mg/Kg	10	2/23/2012 3:24:30 AM
Xylenes, Total	35	0.92		mg/Kg	10	2/23/2012 3:24:30 AM
Surr: 4-Bromofluorobenzene	90.0	85.3-139		%REC	10	2/23/2012 3:24:30 AM
EPA METHOD 7471: MERCURY						Analyst: JLF
Mercury	6.7	1.6		mg/Kg	50	2/27/2012 2:42:44 PM
MERCURY, TCLP						Analyst: JLF
Mercury	ND	0.020		mg/L	1	3/7/2012 3:10:37 PM
EPA METHOD 6010B: SOIL METALS						Analyst: ELS
Arsenic	7.1	2.5		mg/Kg	1	2/22/2012 8:33:42 AM
Barium	94	0.50		mg/Kg	5	2/22/2012 9:36:29 AM
Cadmium	1.0	0.10		mg/Kg	1	2/22/2012 8:33:42 AM
Chromium	11	0.30		mg/Kg	1	2/22/2012 8:33:42 AM
Lead	16	0.25		mg/Kg	1	2/22/2012 8:33:42 AM
Selenium	ND	2.5		mg/Kg	1	2/22/2012 8:33:42 AM
Silver	ND	0.25		mg/Kg	1	2/22/2012 8:33:42 AM
EPA METHOD 6010B: TCLP METALS						Analyst: ELS
Arsenic	ND	5.0		mg/L	1	3/7/2012 10:50:27 AM
Barium	ND	100		mg/L	1	3/7/2012 10:50:27 AM
Cadmium	ND	1.0		mg/L	1	3/7/2012 10:50:27 AM
Chromium	ND	5.0		mg/L	1	3/7/2012 10:50:27 AM
Lead	ND	5.0		mg/L	1	3/7/2012 10:50:27 AM
Selenium	ND	1.0		mg/L	1	3/7/2012 10:50:27 AM
Silver	ND	5.0		mg/L	1	3/7/2012 10:50:27 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202676

08-Mar-12

Client: Animas Environmental Services

Project: Chaco Plant Flare Tower

Sample ID: MB-794	SampType: MBLK	TestCode: EPA Method 8015B: Diesel Range Organics								
Client ID: PBS	Batch ID: 794	RunNo: 1059								
Prep Date: 2/21/2012	Analysis Date: 2/22/2012	SeqNo: 30384	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.9	77.4	131			

Sample ID: LCS-794	SampType: LCS	TestCode: EPA Method 8015B: Diesel Range Organics								
Client ID: LCSS	Batch ID: 794	RunNo: 1059								
Prep Date: 2/21/2012	Analysis Date: 2/22/2012	SeqNo: 30457	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	62.7	139			
Surr: DNOP	4.4		5.000		88.9	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202676

08-Mar-12

Client: Animas Environmental Services

Project: Chaco Plant Flare Tower

Sample ID	MB-786	SampType:	MBLK	TestCode:	EPA Method 8015B: Gasoline Range					
Client ID:	PBS	Batch ID:	786	RunNo:	1072					
Prep Date:	2/21/2012	Analysis Date:	2/22/2012	SeqNo:	31140	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	1,100		1,000		114	69.7	121			

Sample ID	LCS-786	SampType:	LCS	TestCode:	EPA Method 8015B: Gasoline Range					
Client ID:	LCSS	Batch ID:	786	RunNo:	1072					
Prep Date:	2/21/2012	Analysis Date:	2/22/2012	SeqNo:	31144	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	5.0	25.00	0	121	98.5	133			
Surr: BFB	860		1,000		86.2	69.7	121			

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202676

08-Mar-12

Client: Animas Environmental Services

Project: Chaco Plant Flare Tower

Sample ID	MB-786		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	786		RunNo:	1072			
Prep Date:	2/21/2012		Analysis Date:	2/22/2012		SeqNo:	31162		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		115	85.3	139			

Sample ID	LCS-786		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	786		RunNo:	1072			
Prep Date:	2/21/2012		Analysis Date:	2/22/2012		SeqNo:	31168		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	100	83.3	107			
Toluene	0.98	0.050	1.000	0	97.8	74.3	115			
Ethylbenzene	1.0	0.050	1.000	0	102	80.9	122			
Xylenes, Total	3.2	0.10	3.000	0	106	85.2	123			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	85.3	139			

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202676

08-Mar-12

Client: Animas Environmental Services

Project: Chaco Plant Flare Tower

Sample ID	MB-855	SampType:	MBLK	TestCode:	EPA Method 7471: Mercury					
Client ID:	PBS	Batch ID:	855	RunNo:	1143					
Prep Date:	2/27/2012	Analysis Date:	2/27/2012	SeqNo:	32643	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.033								

Sample ID	LCS-855	SampType:	LCS	TestCode:	EPA Method 7471: Mercury					
Client ID:	LCSS	Batch ID:	855	RunNo:	1143					
Prep Date:	2/27/2012	Analysis Date:	2/27/2012	SeqNo:	32644	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.16	0.033	0.1667	0	94.5	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

RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202676

08-Mar-12

Client: Animas Environmental Services

Project: Chaco Plant Flare Tower

Sample ID	MB-981		SampType:	MBLK		TestCode:	MERCURY, TCLP				
Client ID:	PBW		Batch ID:	981		RunNo:	1322				
Prep Date:	3/7/2012		Analysis Date:	3/7/2012		SeqNo:	37402		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Mercury	ND	0.020									

Sample ID	LCS-981			SampType:	LCS			TestCode:	MERCURY, TCLP		
Client ID:	LCSW			Batch ID:	981			RunNo:	1322		
Prep Date:	3/7/2012			Analysis Date:	3/7/2012			SeqNo:	37403		Units: mg/L
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Mercury	ND	0.020	0.005000	0	102	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

RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202676

08-Mar-12

Client: Animas Environmental Services

Project: Chaco Plant Flare Tower

Sample ID	MB-788		SampType:	MBLK		TestCode:	EPA Method 6010B: Soil Metals			
Client ID:	PBS		Batch ID:	788		RunNo:	1068			
Prep Date:	2/21/2012		Analysis Date:	2/22/2012		SeqNo:	30498		Units: mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	2.5								
Barium	ND	0.10								
Cadmium	ND	0.10								
Chromium	ND	0.30								
Lead	ND	0.25								
Selenium	ND	2.5								
Silver	ND	0.25								

Sample ID	LCS-788		SampType:	LCS		TestCode:	EPA Method 6010B: Soil Metals			
Client ID:	LCSS		Batch ID:	788		RunNo:	1068			
Prep Date:	2/21/2012		Analysis Date:	2/22/2012		SeqNo:	30499		Units: mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	24	2.5	25.00	0	96.8	80	120			
Barium	24	0.10	25.00	0	95.9	80	120			
Cadmium	24	0.10	25.00	0	95.9	80	120			
Chromium	24	0.30	25.00	0	96.4	80	120			
Lead	23	0.25	25.00	0	93.1	80	120			
Selenium	23	2.5	25.00	0	93.2	80	120			
Silver	4.9	0.25	5.000	0.02000	98.2	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
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1202676

08-Mar-12

Client: Animas Environmental Services

Project: Chaco Plant Flare Tower

Sample ID	MB-977		SampType:	MBLK		TestCode:	EPA Method 6010B: TCLP Metals			
Client ID:	PBW		Batch ID:	977		RunNo:	1317			
Prep Date:	3/7/2012		Analysis Date:	3/7/2012		SeqNo:	37277		Units: mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	5.0								
Barium	ND	100								
Cadmium	ND	1.0								
Chromium	ND	5.0								
Lead	ND	5.0								
Selenium	ND	1.0								
Silver	ND	5.0								

Sample ID	LCS-977		SampType:	LCS		TestCode:	EPA Method 6010B: TCLP Metals			
Client ID:	LCSW		Batch ID:	977		RunNo:	1317			
Prep Date:	3/7/2012		Analysis Date:	3/7/2012		SeqNo:	37278		Units: mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	5.0	0.5000	0	111	80	120			
Barium	ND	100	0.5000	0	101	80	120			
Cadmium	ND	1.0	0.5000	0	104	80	120			
Chromium	ND	5.0	0.5000	0	101	80	120			
Lead	ND	5.0	0.5000	0	98.2	80	120			
Selenium	ND	1.0	0.5000	0	107	80	120			
Silver	ND	5.0	0.1000	0.0006200	105	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
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

Client Name: Animas Environmental Work Order Number: 1202676

Received by/date: AT 02/21/12 10:00

Logged By: Anne Thorne 2/21/2012 10:00:00 AM

Anne Thorne

Completed By: Anne Thorne 2/21/2012

Anne Thorne

Reviewed By: *MT* 2/21/12

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

18. Additional remarks:

19. Cooler Information

Cooler No	Temp. $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good	Yes			

Chain-of-Custody Record

Client: Animes Environmental Services

Mailing Address: 624 E. Comanche

Formington, NM 87101

Phone #: 505-564-2231

email or Fax#: tlange.animesenvironmental.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Chaco Plant Flare Turn

Project #:

Project Manager:

Ross Kennen

Sampler:

☒ On Ice ☒ Yes ☐ No

Sample Temperature: 32.1



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTE	BTEX + MTE	TPH Method	TPH (Metho	EDB (Metho	8310 (PNA c	RCRA 8 Met	Anions (F, Cl	8081 Pesticid	8260B (VOA	8270 (Semi-	805 M	Air Bubbles
2/17/12	1236	Soil	S-1	4oz Jar	ICE	12-011676	-1		X				X					X	
	1232		S-2				-2		X				X					X	
	1234		S-3				-3		X				X					X	
	1236		S-4				-4		X				X					X	
	1238		S-5				-5		X				X					X	
	1240		SC-1				-6		X				X					X	
	1255		SC-2				-7		X				X					X	
	1302		SC-3				-8		X				X					X	
	1315		SC-4				-9		X				X					X	
	1317		SC-5				-10		X				X					X	
	1335		SC-6				-11		X				X					X	
✓	1347		SC-7	✓	✓		-12		X				X					X	

Date: 2/20/12 Time: 1702 Relinquished by: Thomas Long

Received by: Christie Weeden

Date: 2/20/12 Time: 1702

Remarks: Bill To Enterprise

Date: 2/20/12 Time: 1721 Relinquished by: Christie Weeden

Received by: Christie Weeden

Date: 02/21/12 Time: 1000

✓ If GRO results are above detection limit run 8021 BTE for all samples