

3R - 436

GWMR

11 / 11 / 2011

Animas Environmental Services, LLC

3R-436

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

November 11, 2011

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

RE: Jacquez Gas Com F#1 Report Documents

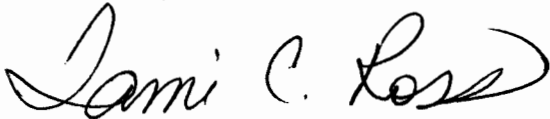
Dear Mr. von Gonten:

On behalf of Enterprise Products Company, Animas Environmental Services, LLC (AES) is pleased to submit one copy of the C-141 notification form, letter report for soil and groundwater sampling, and the Groundwater Investigation Workplan.

A copy of the reports has also been submitted to Mr. Brandon Powell of the New Mexico Oil Conservation Division in Aztec, New Mexico.

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

Sincerely,



Tami C. Ross, CHMM
Project Manager

Enclosure: C-141
Letter Report
Groundwater Investigation Workplan

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

NOV 14 2011
10:07 AM
MAIL ROOM





Animas Environmental Services LLC

www.animasenvironmental.com

624 E. Comanche
Farmington, NM 87401
505-644-1281

Orange, Colorado
970-403-7274

October 27, 2011

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

**RE: Soil and Groundwater Sampling Results for Jacquez Gas
Com F#1 Release, San Juan County, New Mexico**

Dear Mr. Dailey:

Animas Environmental Services, LLC (AES) is pleased to provide the soil and groundwater sampling results associated with a release which occurred along the Enterprise Products Company (Enterprise) 4-inch diameter Jacquez Gas Com F#1 pipeline, located approximately 2.75 miles northeast of Blanco, San Juan County, New Mexico. On July 27, 2011, a landowner notified Enterprise gas control of an active gas release in a pasture on his property. On the same date, Enterprise dispatched a technician to confirm the release location and secure the release. The pipeline was isolated and locked/tagged out of service, and a security fence was installed around the release location.

1.0 Release Information

1.1 Release Location

The release, located on private property, occurred along the Enterprise Jacquez Gas Com F#1 pipeline within the NW¼, SW¼, Section 4, T29N, R9W, San Juan County, New Mexico. Latitude and longitude of the release were recorded as N36° 45.105' and W107° 47.454'. The approximate site elevation is 5,610 feet above mean sea level. A topographic site location map is included as Figure 1, and an aerial map showing the release location is included as Figure 2.

The location of the release is in an area characterized as agricultural land use within the floodplain of the San Juan River. The immediate release location is in an area that would likely be defined as a wetland, with rushes, sedges, willows, and Russian olive trees being the dominant vegetation types. Surface runoff drains southwest towards an unnamed irrigation return ditch, which flows south and discharges directly into the San Juan River approximately one-third of a mile to the south. Based on observations at the release location, AES has determined the depth of groundwater to be less than 5 feet below ground surface (bgs). The release is not located within a wellhead protection area and is located more than 1,000 feet from a surface water body (San Juan River).

1.2 Site Activities

Aaron Dailey of Enterprise contacted AES on July 28, 2011, and an initial site visit was scheduled. On July 30, 2011, Ross Kennemer of AES and Aaron Dailey inspected the release location, and Enterprise postponed further work by AES pending scheduling of the line repair. On September 26, 2011, AES mobilized to the site, but the job was cancelled due to scheduling issues with the landowner. On October 10, 2011, Ross Kennemer of AES met with Enterprise representatives Mike Lee and Chris Lynn at the release location. Representatives from Enterprise, AES, Industrial Mechanical, Inc. (IMI; water pumping and transport), and Southwest Field Services (excavation contractor) were present on-site during the initial site activities. The cause of the release was attributed to a line leak due to a quarter-inch corrosion hole located on the underside of the line.

Following excavation to locate the line leak, additional excavation and dewatering were conducted to allow access for repairing the leak. Excavated soil was placed on a plastic liner adjacent to the excavation area. For dewatering, groundwater was pumped approximately 300 feet to vacuum trucks staged at a nearby barn. After the leak was repaired, AES inspected the excavation and collected soil and groundwater samples to determine the initial extent of the release. Because of the obvious presence of soil and groundwater contamination, the excavation was not expanded beyond the initial extent necessary for completing the line repair and collecting preliminary soil and groundwater samples for laboratory analysis.

Ross Kennemer of AES collected a set of five field screening and laboratory soil samples, including three samples from approximately 4 feet bgs near the midpoints of the east, south, and north excavation walls (S-1 through S-3, respectively), one sample from the excavation spoil pile (S-4), and one from the excavation base (approximately 6 feet bgs) a few feet west of the release location (S-5). AES noted that the soil between the ground surface and approximately 4 feet bgs was saturated, dark gray to black, silty/sandy clay. Between 4 feet and 6 feet bgs, the soil consisted of saturated, stained sand and gravel with a moderate hydrocarbon odor. Because groundwater inflow was continual during the excavation activities, AES also collected a single groundwater sample ("Excavation Groundwater") from the middle of the excavation. The primary excavation area along the pipeline measured approximately 20 ft long by 12 ft wide by 6 ft deep.

During the removal of contaminated soil, approximately 58 cubic yards were transported for disposal at the Envirotech Landfarm, near Bloomfield, New Mexico. Approximately 18 cubic yards of clean backfill material were obtained from Envirotech and delivered to the site as part of the soil disposal process. Approximately 226 tons of additional clean sand and dirt backfill material were delivered to the site by Paul and Sons, Inc. for filling the excavation and creating an access road to the release location. Approximately 1,680 barrels of water were removed from the excavation and transported to Basin Disposal, Inc.

in Aztec, New Mexico, for disposal. Copies of waste manifests for the contaminated soil and groundwater are attached. A photograph log is also attached.

Upon completion of the excavation activities and associated sampling on October 10, 2011, AES indicated that Enterprise could backfill the excavation after final line repairs were complete because additional investigation of the release would require installation of soil borings and monitor wells at a later date. AES was informed that final repair of the line with a replacement section of pipe, followed by backfilling of the excavation, was completed on October 11, 2011.

2.0 Soil Sampling

On October 10, 2011, AES personnel conducted field screening and collected a total of four grab soil samples from locations within the Jacquez Gas Com F#1 release excavation. Three samples (S-1 through S-3) were collected along the north, south, and east excavation walls at a depth of approximately 4 feet bgs, and one sample (S-5) was collected from the excavation base near the release location. A composite sample of stockpiled spoil material was also collected. Soil sample locations are included on Figure 3.

2.1 Soil Field Screening

Samples from the excavation were field screened for volatile organic compound (VOC) vapors with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with isobutylene gas.

Upon completion of the initial excavation and line repair work, OVM readings were taken prior to the collection of laboratory samples. Based on the field screening results, the obvious hydrocarbon odors and staining, and the presence of shallow groundwater within the contamination zone, AES suggested that determining the extent of the release in both soil and groundwater would require additional investigation at a later date. OVM measurement locations and results are presented in Table 1 and in Figure 3.

2.2 Soil Laboratory Analyses

One confirmation soil sample for laboratory analysis was collected from each field screening location (S-1 through S-5) in the excavation and the stockpile material. Samples 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. The soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B; and
- Total petroleum hydrocarbons (TPH) for Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) per USEPA Method 8015B.

2.3 Soil Laboratory Analytical Results

Analytical laboratory results are summarized in the table below.

Table 1. Soil OVM and Analytical Results, Jacquez Gas Com F#1 Release

Sample ID	Date Sampled	Depth (ft)	OVM Result (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
NMOCD Action Level										
			100	10	NE	NE	NE	50	100	100
S-1	10/10/11	6	815	<0.97	7.3	92	680	<780	1,800	430
S-2	10/10/11	4	38.6	<0.047	<0.047	0.11	0.56	<0.76	6.8	33
S-3	10/10/11	4	42.5	<0.047	<0.047	<0.047	0.12	<0.26	<4.7	16
S-4	10/10/11	NA	254	<0.048	<0.048	0.51	4.2	<4.8	<48	200
S-5	10/10/11	6	28.6	<0.048	<0.048	<0.048	<0.096	<0.240	<48	200

*Note – NE is not established

Sample S-1 exceeded the allowable total BTEX concentration, the allowable TPH-GRO concentration, and the allowable concentration for TPH-DRO established by the New Mexico Oil Conservation Division (NMOCD). Samples S-4 and S-5 only exceeded the allowable TPH limit for TPH-DRO. BTEX and TPH concentrations for soil samples S-2 and S-3 were either below laboratory detection limits or below applicable NMOCD action levels.

Laboratory analytical results are included in Figure 3, and laboratory analytical reports are attached.

3.0 Groundwater Sampling

One groundwater sample was collected from the open excavation at approximately 6 feet bgs on October 10, 2011.

3.1 Groundwater Laboratory Analyses

The groundwater sample was placed into new, clean, laboratory-supplied vials preserved with hydrochloric acid, which were then labeled, placed on ice, and logged onto a sample chain of custody record. The sample containers were maintained on ice until delivery to the analytical laboratory, Hall, in Albuquerque, New Mexico. The collected samples were laboratory analyzed for:

- BTEX per USEPA Method 8021B; and
- TPH-GRO and TPH-DRO per USEPA Method 8015B.

3.2 Groundwater Laboratory Analytical Results

The groundwater sample results are presented below in Table 2.

Table 2. Groundwater Analytical Results, Jacquez Gas Com F#1 Release

Sample ID	Date Sampled	Depth (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
WQCC Action Level								
			10	750	750	620	NE	NE
Excavation Groundwater	10/10/11	6	<5.0	16	120	840	2.5	4.4

Dissolved phase xylene concentrations were reported above the New Mexico Water Quality Control Commission (WQCC) human health standard for groundwater. All other compounds were reported below the laboratory detection limit or below the applicable WQCC human health standard. Laboratory analytical results for BTEX and TPH in groundwater are included in Figure 3, and the laboratory analytical report is attached.

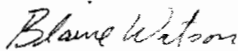
4.0 Conclusions and Recommendations

Based on field observations and laboratory analytical results for the confirmation soil and groundwater samples, AES recommends that Enterprise conduct further delineation of the soil and groundwater contamination in order to determine the most effective remedial method for the release. Due to the location of the release in a wet pasture area, AES suggests the use of low ground pressure, tracked equipment, such as a small GeoProbe[®], to install soil borings and collect groundwater samples. Because the pipeline intersects groundwater present within a sand and gravel unit at a depth of approximately 4 feet bgs, AES recommends installing temporary monitoring wells within the sand and gravel unit, and sealing the wells off from the shallow surface water. AES believes an initial series of at

least four soil/groundwater investigation locations will be required to evaluate the lateral extent of contamination beyond the original source area. A proposed layout for additional soil and groundwater sampling locations and a sample well schematic are included in Figure 4.

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

Sincerely,



Blaine Watson, P.G.
Sr. Project Manager



Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map
- Figure 3. Excavation Detail, October 2011
- Figure 4. Proposed Investigation Locations
- Site Photograph Log
- Waste Manifests
- Laboratory Analytical Reports

S:\Animas 2000\2011 Projects\Enterprise Products\Jacquez Gas Com F #1\Enterprise Jacquez Gas Com F#1
letter report 102711.docx



Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: October 21, 2011
REVISIONS BY: C. Lameman	DATE REVISED: October 21, 2011
CHECKED BY: B. Watson	DATE CHECKED: October 26, 2011
APPROVED BY: E. McNally	DATE APPROVED: October 27, 2011

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP

ENTERPRISE PRODUCTS COMPANY
JACQUEZ GAS COM F #1
PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NW ¼, SW ¼, SEC. 4, T29N, R9W
N36°45.105', W107°47.454'



FIGURE 2

AERIAL SITE MAP

ENTERPRISE PRODUCTS COMPANY
JACQUEZ GAS COM F #1
PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NW ¼, SW ¼, SEC. 4, T29N, R9W
N36°45.105', W107°47.454'



Animas Environmental Services, LLC

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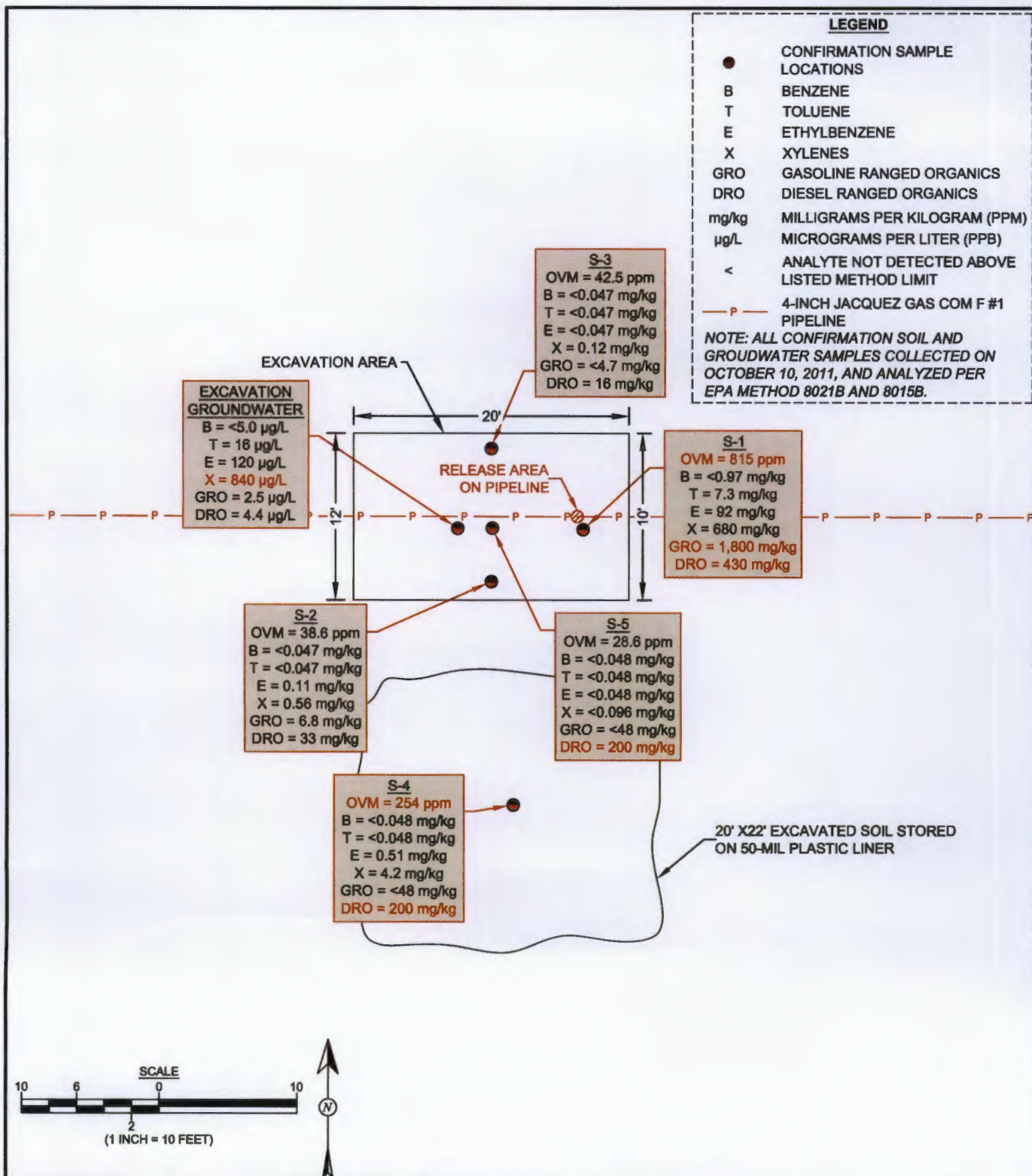


FIGURE 3

EXCAVATION DETAIL, OCTOBER 2011

ENTERPRISE PRODUCTS COMPANY
JACQUEZ GAS COM F #1
PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NW ¼, SW ¼, SEC. 4, T29N, R9W
N36°45.105', W107°47.454'

AES



Animas Environmental Services, LLC

DRAWN BY:
C. Lameman

DATE DRAWN:
October 21, 2011

REVISIONS BY:
C. Lameman

DATE REVISED:
October 21, 2011

CHECKED BY:
B. Watson

DATE CHECKED:
October 25, 2011

APPROVED BY:
E. McNally

DATE APPROVED:
October 27, 2011

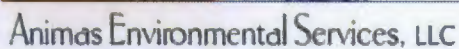
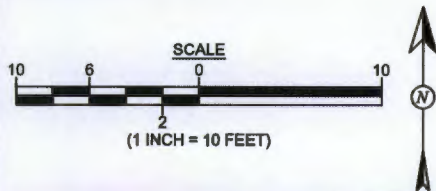


FIGURE 4

PROPOSED INVESTIGATION LOCATIONS

ENTERPRISE PRODUCTS COMPANY
JACQUEZ GAS COM F #1
PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NW ¼, SW ¼, SEC. 4, T29N, R9W
N36°45.105', W107°47.454'

Photo #1	
Client: Enterprise Products Company	
Project: Jacquez Gas Com F #1 Pipeline Release	
Taken by: Ross Kennemer	
October 10, 2011	
AES Project No: 110801	Description: Excavating for repair of pipeline release; N 36° 45.105'; W 107° 47.454'.

Photo #2	
Client: Enterprise Products Company	
Project: Jacquez Gas Com F #1 Pipeline Release	
Taken by: Ross Kennemer	
October 10, 2011	
AES Project No: 110801	Description: Excavated pipeline.

Photo #3	
Client: Enterprise Products Company	
Project: Jacquez Gas Com F #1 Pipeline Release	
Taken by: Ross Kennemer	
October 10, 2011	
AES Project No: 110801	Description: Dewatering excavation in preparation of pipeline repair.


Photo #4	
Client: Enterprise Products Company	
Project: Jacquez Gas Com F #1 Pipeline Release	
Taken by: Ross Kennemer	
October 10, 2011	
AES Project No: 110809	Description: Groundwater draining from pipeline.



Photo #5	
Client: Enterprise Products Company	
Project: Jacquez Gas Com F #1 Pipeline Release	
Taken by: Ross Kennemer	
October 10, 2011	
AES Project No: 110801	Description: Completed excavation and dewatering.

Photo #6	
Client: Enterprise Products Company	
Project: Jacquez Gas Com F #1 Pipeline Release	
Taken by: Ross Kennemer	
October 10, 2011	
AES Project No: 110801	Description: Temporary clamp prior to replacing corroded section of pipeline.



Bill of Lading

329646

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

DATE 10-13-11 JOB# 97057-0461

[illegible]

TS1	"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. Swartz NAME Clay SIGNATURE Clay Swartz
COMPANY CONTACT 06:00 PHONE 505-330-3430 DATE 10-13-11

Signatures required prior to distribution of this legal document.

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



Bill of Lading

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

MANIFEST #

495

DATE 10-13-11 JOB# 97057-0461

[illegible]

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. Swartz NAME Clay SIGNATURE Clay Swartz

COMPANY CONTACT Al. Cr PHONE 830-3480 DATE 10-13-11

Signatures required prior to distribution of this legal document.

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

Bill of Lading

MANIFEST #

7653

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

DATE 10-14-11 JOB# 97057-0461

[illegible]

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. SUCKER TRUCKING NAME ROBERT GALAVIZ SIGNATURE [Signature]
COMPANY CONTACT _____ PHONE _____ DATE 10-14-11

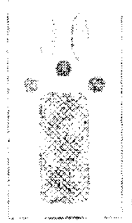
COMPANY CONTACT:

PHONE

Signatures required prior to distribution of this legal document.

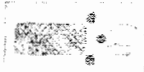
White - Company Records, Yellow - Billing, Pink - Customer

FASTEN ETC 15A2 - 1994



INVOICE BAS-12345678
DATE OCTOBER 1994

DATE	BASIN TKI	LOCATION	PAYKEY	SJ/VV	TRUCK COMP	BEL	PRICE	AMOUNT	TAX	TOTAL
10/13/11	542907	SANTA ROSA 4 2	BM11844		IMI	320	\$ 0.85	\$ 272.00	\$ 20.92	\$ 292.92
10/13/11	542972	SANTA ROSA 4 2	BM11844		WEST STATE	240	\$ 0.85	\$ 204.00	\$ 15.00	\$ 219.00
10/10/11	542972	SANTA ROSA 4 2	BM11844		IMI	320	\$ 0.85	\$ 272.00	\$ 20.92	\$ 292.92
10/10/11	543008	SANTA ROSA 4 2	BM11844		DAWN	80	\$ 0.85	\$ 68.00	\$ 5.23	\$ 73.23
10/10/11	543024	SANTA ROSA 4 2	BM11844		WEST STATE	160	\$ 0.85	\$ 136.00	\$ 10.46	\$ 146.46
10/10/11	543035	SANTA ROSA 4 2	BM11844		DAWN	80	\$ 0.85	\$ 68.00	\$ 5.23	\$ 73.23
			BM11844 Total			1200		\$ 1,020.00	\$ 78.45	\$ 1,098.45



BASIN DISPOSAL, INC.

SPECIALTY WASTE DISPOSAL OF PRODUCED WATER AND DRILLING MUD
P.O. BOX 18 • ALBUQUERQUE, NEW MEXICO 87116 • PHONE (505) 536-8136

NO. 542967

RMGDD PERMIT NM-001-0009

Oil Field Waste Disposal, Form C178

INVOICE

DATE 10/10/11

GENERATOR ENTERPRISE

HALE/NO CO IME

ORDERED BY ROBERTA MIKE LEE

USE TRTA 16584

BILL TO ENTERPRISE

DRIVER Maurice Peters

COSES

WASTE DESCRIPTION ☒ EXHAUST ☐ FIELD WASTE ☒ PRODUCTION WATER ☐ DRILLING/COMPLETION FLUIDS ☐ RESERVE PIT

STATE: NM TREATMENT/DISPOSAL METHOD(S): ☒ EVAPORATION ☐ INJECTION ☐ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	AM	PL	COST	TOTAL	TIME
1	2027 SANTA ROSA 4#2	80				8.50	68.00	11 OCT 11 1:24PM
2	2027 SANTA ROSA 4#2	80				8.50	68.00	11 OCT 11 3:00PM
3	2027 SANTA ROSA 4#2	80				8.50	68.00	11 OCT 11 5:12PM
4	2027 SANTA ROSA 4#2	80				1.85	69.00	11 OCT 11 10:59PM

Basin Disposal, Inc. is an Equal Opportunity Employer. Minorities and women are encouraged to apply. Basin Disposal, Inc. is an Equal Opportunity Employer. Minorities and women are encouraged to apply.



BASIN DISPOSAL, INC.

INDUSTRIAL WASTE TREATMENT AND DISPOSAL • OIL WASTE AND DRILLING MUD
P.O. BOX 100 • 22100 W. 84th AVE. • P.O. BOX 100 • PHONE (503) 632-8445

DATE

10-10-11

GENERATOR

Enterprise

HAULING CO.

West States

ORDERED BY

Randy Shirley

WASTE DESCRIPTION: ☐ X Exempt Oilfield Waste

☒ Petroleum Waste

☐ Milling Sludge

☐ Base Solids

STATE: ☒ NM ☐ AZ ☐ CA ☐ CO ☐ CT ☐ DE ☐ FL ☐ GA ☐ HI ☐ IL ☐ IN ☐ IA ☐ KS ☐ KY ☐ LA ☐ ME ☐ MI ☐ MN ☐ MO ☐ NE ☐ NH ☐ NJ ☐ NY ☐ OH ☐ OK ☐ OR ☐ PA ☐ RI ☐ SC ☐ SD ☐ TN ☐ TX ☐ UT ☐ VT ☐ WA ☐ WI ☐ WY

TREATMENT/ DISPOSAL METHOD(S): ☒ X EVAPORATION ☐ X INCINERATION ☐ X TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	AMOUNT	DATE	TIME
10	501 Santa Rosa #2	80	1.85	6.8	11 OCT 10	1:30 PM
11	501 Santa Rosa #2	80	1.85	6.8	11 OCT 10	3:22 PM
12	501 Santa Rosa #2	80	1.85	6.8	11 OCT 10	3:57 PM
13						
14						
15						



BASIN DISPOSAL, INC.
SPECIALTIES: DISPOSAL OF PROCEDED WATER AND OIL
P.O. BOX 108 • EL PASO, NEW MEXICO 79901 • PHONE (505) 632-1900

NO. 542918

NR000 PERMIT NO. 4001-0005
Oil Field Waste - Dept. of Env. & Nat. Resources

INVOICE:

DATE 10-10-11
GENERATOR Enterprise
HAULING CO. IMI
ORDERED BY Mike Lee

DEL. TKT. # 16715
BILL TO: Enterprise
DRIVER Reynolds Beyor
CITIES:

WASTE DESCRIPTION ☒ Hazardous Waste ☒ Produced Water ☐ Drilling/Completion Fluids ☐ Recycled Fluid

STATE TX COUNTY EL PASO TREATMENT/DISPOSAL METHOD ☒ EVAPORATION ☒ INCINERATION ☒ TREATMENT UNIT

NO.	TRUCK	LOCATION(T)	VOLUME	AMT BY	COST	DATE	TIME
RB	2017 Santa Rosa 4#2	80	1831	682	110CT10	2:15PM	
RB	2019 Santa Rosa 4#2	80	85	110CT10	4:37PM		
RB	2019 Santa Rosa 4#2	80	85	110CT10	7:00PM		
RB	2019 Santa Rosa 4#2	80	85	110CT10	9:53PM		

RBeyor

[Signature]



BASIN DISPOSAL, INC.

WASTE TREATMENT AND DISPOSAL OF PRODUCED WATER AND FLOPPING FLUENTS
P.O. BOX 1000, ALBUQUERQUE, NEW MEXICO 87103 • PHONE (505) 262-0005

DATE

10-10-11

GENERATOR

Enterprise

HAULING CO.

Down

ORDERED BY

Mike Lee

NO. 543008

WASTE PERMIT NO. 001-0005

FIELD USE Document Form G13B

INVOICE

DELIVER TO

77785

BY

Enterprise

DRIVER

Tracy Larkford

QUANTITY

WASTE DESCRIPTION: ☒ Produced Gelfield Waste

☐ Produced Water

☐ Oilfield Completion Fluids

☐ Reservoir Pit

STATE

NM

CO

AZ

UT

TREATMENT/DISPOSAL METHOD

☒ CLEARWATER

☐ INJECTION

☐ TREATING FLUENT

NO.	TYPE	LOCATION(S)	VOLUME	AM. PM.	COST	TOTAL	TIME
1	TR	Q17 Santa Rosa 4 th	80	185		Q17	5:00 PM
2							
3							
4							
5							
6							
7							
8							
9							
10							

Signature of Mike Lee

Signature of Tracy Larkford

Signature of Mike Lee

Signature of Mike Lee

Signature of Tracy Larkford

Signature of Mike Lee



R:FOCO PLANT NH-00-0000
 AT 03/06/00 10:00:00 AM
 FLOODE

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54. 37. 52-44776

PAVER, Lyndell Stewart
(Page 145) 24

009

Dr. J. H. W. ... Drilling ...

S.A.S. ~~XXX~~ 100-~~XXI~~ THE TREATMENT ALTERNATIVE: VACCINATION X INJECTION Y TREATMENT Z

| NO. | TRUCK | LOCATION(S) | DATE | TIME | COST | TO | BY |
|-----|-------|-----------------------------|------|------|------|-----------|---------|
| 1 | 503 | San Juan River, 6 mi. below | 20 | 25 | 68 | 11 OCT 40 | 7:51 PM |
| 2 | 503 | San Juan River, 6 mi. below | 20 | 25 | 68 | 11 OCT 40 | 9:45 PM |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |



EASIN DISPOSAL, INC.

SPECIALIZING IN DISPOSAL OF OILFIELD WASTE
P.O. BOX 100 • AZTEC, NEW MEXICO 87604 • PHONE (505) 836-1000

DATE 10/10/11

GENERATOR ENTREPRISE

HAZARDOUS NO

DISPOSED BY MIKE LEE

WASTE DESCRIPTION ☒ Exempt Oilfield Waste

STATE ☒ COO ☐ AZ ☐ NM TREATMENT ☐ INCINERATION ☐ EVAPORATION ☐ INJECTION ☐ TREATMENT PLANT

| DATE | TRUCK | LOCATION | QUANTITY | AMOUNT | COST | TOTAL | REMARKS |
|----------|-------|----------------------------|----------|--------|------|-------|---------|
| 10/10/11 | 381 | SANTA ROSA 4 th | 80 | 1.85 | | 68.00 | |

11 OCT 19 1981

[Signature]

[Signature]

NO. 543035

AMOUNT PAID, NM-501-0035
Dr. Easins Disposal, Inc. (New Mexico) Form 0035
REVISED

FILE NO.

BLD TO

PRICE

CODE

74044

ENTREPRISE

TRACER, HED FORD



BASIN DISPOSAL, INC.

SPECIALIZING IN DISPOSAL OF INDUSTRIAL WASTE OILS, GREASES, ACIDS, ALKALIS, AND OTHER HAZARDOUS WASTE. PHONE 504-833-1991

DATE

10-11-11

GENERATOR

Enterprise

HAULING CO.

Int'l

ORDERED BY

Mike Lee

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste

☒ Industrial Waste

☐ Drilling/Completion Fluids

☐ Other (Specify)

STATE: ☒ AL ☐ CO ☐ GA ☐ IL ☐ IN

TX ☐ VA

LA ☐ MI ☐ MN

MO ☐ NE ☐ NH

NY ☐ NC ☐ ND

OK ☐ OR ☐ PA

RI ☐ SC ☐ SD

TN ☐ UT ☐ VT

WA ☐ WI ☐ WY

TREATMENT/SPILL METHOD: ☒ EVAPORATION

☒ INJECTION

☐ TREATMENT (Specify)

| NO. | THICK | LOCATION | VOLUME | AM | PM | COST | TOTAL | DATE | TIME |
|--------|-------|---------------|--------|----|----|------|-------|-----------|---------|
| P-2027 | | Santa Rosa #4 | 80 | | | 85 | 68 | 10 OCT 11 | 2:47 PM |
| P-2027 | | Santa Rosa #4 | 80 | | | 85 | 68 | 11 OCT 11 | 2:25 PM |
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Mike Lee

Signature



BASIN DISPOSAL, INC.

Specializing in Disposal of Produced Water and Drilling Fluids
P.O. BOX 100 • AZTEC, NEW MEXICO 87410 • PHONE (505) 836-1000

NO. **543198**

LANDFILL PERMIT, NM 401-0005

Drilling Waste Disposal Form 5130

"INVOICES"

DATE 10/2/11

DPL TRK# 6551

GENERATOR Santa Rosa

BILL TO Santa Rosa

HAZARD CODE 2ME

DRIVER Melvin R. Perea

PAID FOR BY CRK LLC

COUES

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste

☐ Produced Water

☐ Drilling/Completion Fluids

☐ Other Waste

STATUS: ☒ SENT ☐ CO ☐ INZ ☐ OUT TREATMENT OPTIONS: ☐ INCINERATION ☐ EVAPORATION ☐ INJECTION ☒ TREATING PLANT

| NO. | TRUCK | LOCATION (WELL) | VOLUME | TIME | COST | TOTAL | DATE |
|-----|-----------------|-----------------|--------|----------|------|-------|--------------------|
| 1 | 2027 Santa Rosa | 4-1 | 80 | 11:00 AM | 88 | 88 | 11 OCT 12 10:11 AM |
| 2 | 2027 Santa Rosa | 4-2 | 80 | 11:00 AM | 88 | 88 | 11 OCT 12 11:00 AM |
| 3 | | | | | | | |
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Basin Disposal, Inc.
P.O. BOX 100
AZTEC, NEW MEXICO 87410
PHONE (505) 836-1000



BASIN DISPOSAL, INC.

SPECIALIZING IN DISPOSAL OF PRODUCTION WATER, OIL, AND GASES
P.O. BOX 105 • AZTEC, NEW MEXICO 87410 • PHONE 505-832-1111

DATE

10.12.11

GENERATION

Enterprise

WATERING

West States

GRABBER

Randy Shick

NO 543218

NEEDS PERMIT NM-001-0005
For Final Waste Disposal Form 01 to
INVOICE

DEL TRK

BILL TO

Enterprise

DRIVER

Ludell Harrison

LOUIS

WASTE DISPOSAL OR RECYCLING OF Offfield Waste

☒ Solid Waste

☐ Drilling/Completion Fluids

☐ Explosives

STATE ☒ NM ☐ CO ☐ TX ☐ UT ☐ WY ☐ AZ ☐ CA ☐ NV ☐ ID ☐ MT ☐ WY ☐ NE ☐ KS ☐ OK ☐ MO ☐ IL ☐ IN ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ 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☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA ☐ NC ☐ SC ☐ GA ☐ FL ☐ AL ☐ LA ☐ AR ☐ MS ☐ TN ☐ KY ☐ WV ☐ OH ☐ PA ☐ NY ☐ NJ ☐ DE ☐ MD ☐ VA



COVER LETTER

Monday, October 24, 2011

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

TEL: (505) 564-2281

FAX (505) 324-2022

RE: Enterprise Products Company Jacquez Gas Com. F
#1

Order No.: 1110594

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 10/12/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. 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 do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

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

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Oct-11

Analytical Report

CLIENT: Animas Environmental Services Client Sample ID: S-1 East Midwall
Lab Order: 1110594 Collection Date: 10/10/2011 2:32:00 PM
Project: Enterprise Products Company Jacquez Gas Com Date Received: 10/12/2011
Lab ID: 1110594-01 Matrix: SOIL

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|-----|------------------------|
| EPA METHOD 8015B: DIESEL RANGE ORGANICS | | | | | | Analyst: JB |
| Diesel Range Organics (DRO) | 430 | 10 | | mg/Kg | 1 | 10/18/2011 7:06:35 AM |
| Surr: DNQP | 97.3 | 73.4-123 | | %REC | 1 | 10/18/2011 7:06:35 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 1800 | 97 | | mg/Kg | 20 | 10/14/2011 3:20:47 PM |
| Surr: BFB | 118 | 75.2-136 | | %REC | 20 | 10/14/2011 3:20:47 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: RAA |
| Benzene | ND | 0.97 | | mg/Kg | 20 | 10/14/2011 3:20:47 PM |
| Toluene | 7.3 | 0.97 | | mg/Kg | 20 | 10/14/2011 3:20:47 PM |
| Ethylbenzene | 92 | 0.97 | | mg/Kg | 20 | 10/14/2011 3:20:47 PM |
| Xylenes, Total | 680 | 9.7 | | mg/Kg | 100 | 10/17/2011 10:02:43 PM |
| Surr: 4-Bromofluorobenzene | 96.4 | 80-120 | | %REC | 20 | 10/14/2011 3:20:47 PM |

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Oct-11

Analytical Report

CLIENT: Animas Environmental Services **Client Sample ID:** S-2 South Midwall
Lab Order: 1110594 **Collection Date:** 10/10/2011 2:44:00 PM
Project: Enterprise Products Company Jacquez Gas Com **Date Received:** 10/12/2011
Lab ID: 1110594-02 **Matrix:** SOIL

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015B: DIESEL RANGE ORGANICS | | | | | | Analyst: JB |
| Diesel Range Organics (DRO) | 33 | 9.6 | | mg/Kg | 1 | 10/18/2011 7:41:16 AM |
| Surr: DNOP | 98.1 | 73.4-123 | | %REC | 1 | 10/18/2011 7:41:16 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 6.8 | 4.7 | | mg/Kg | 1 | 10/14/2011 4:20:45 PM |
| Surr: BFB | 103 | 75.2-136 | | %REC | 1 | 10/14/2011 4:20:45 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: RAA |
| Benzene | ND | 0.047 | | mg/Kg | 1 | 10/14/2011 4:20:45 PM |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 10/14/2011 4:20:45 PM |
| Ethylbenzene | 0.11 | 0.047 | | mg/Kg | 1 | 10/14/2011 4:20:45 PM |
| Xylenes, Total | 0.56 | 0.095 | | mg/Kg | 1 | 10/14/2011 4:20:45 PM |
| Surr: 4-Bromofluorobenzene | 91.7 | 80-120 | | %REC | 1 | 10/14/2011 4:20:45 PM |

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Oct-11

Analytical Report

CLIENT: Animas Environmental Services **Client Sample ID:** S-3 North Midwall
Lab Order: 1110594 **Collection Date:** 10/10/2011 2:52:00 PM
Project: Enterprise Products Company Jacquez Gas Com **Date Received:** 10/12/2011
Lab ID: 1110594-03 **Matrix:** SOIL

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015B: DIESEL RANGE ORGANICS | | | | | | Analyst: JB |
| Diesel Range Organics (DRO) | 16 | 10 | | mg/Kg | 1 | 10/20/2011 2:10:19 AM |
| Surr: DNOP | 84.3 | 73.4-123 | | %REC | 1 | 10/20/2011 2:10:19 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 10/14/2011 4:50:53 PM |
| Surr: BFB | 105 | 75.2-136 | | %REC | 1 | 10/14/2011 4:50:53 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: RAA |
| Benzene | ND | 0.047 | | mg/Kg | 1 | 10/14/2011 4:50:53 PM |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 10/14/2011 4:50:53 PM |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 10/14/2011 4:50:53 PM |
| Xylenes, Total | 0.12 | 0.094 | | mg/Kg | 1 | 10/14/2011 4:50:53 PM |
| Surr: 4-Bromofluorobenzene | 90.6 | 80-120 | | %REC | 1 | 10/14/2011 4:50:53 PM |

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.**Date:** 24-Oct-11**Analytical Report**

| | | | |
|-------------------|---|--------------------------|--------------------------------|
| CLIENT: | Animas Environmental Services | Client Sample ID: | S-4 Excavation Spoil Composite |
| Lab Order: | 1110594 | Collection Date: | 10/10/2011 2:56:00 PM |
| Project: | Enterprise Products Company Jacquez Gas Com | Date Received: | 10/12/2011 |
| Lab ID: | 1110594-04 | Matrix: | SOIL |

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015B: DIESEL RANGE ORGANICS | | | | | | Analyst: JB |
| Diesel Range Organics (DRO) | 200 | 9.8 | | mg/Kg | 1 | 10/20/2011 2:44:27 AM |
| Surr: DNOP | 97.1 | 73.4-123 | | %REC | 1 | 10/20/2011 2:44:27 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 48 | | mg/Kg | 10 | 10/14/2011 5:20:52 PM |
| Surr: BFB | 99.9 | 75.2-136 | | %REC | 10 | 10/14/2011 5:20:52 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: RAA |
| Benzene | ND | 0.48 | | mg/Kg | 10 | 10/14/2011 5:20:52 PM |
| Toluene | ND | 0.48 | | mg/Kg | 10 | 10/14/2011 5:20:52 PM |
| Ethylbenzene | 0.51 | 0.48 | | mg/Kg | 10 | 10/14/2011 5:20:52 PM |
| Xylenes, Total | 4.2 | 0.96 | | mg/Kg | 10 | 10/14/2011 5:20:52 PM |
| Surr: 4-Bromofluorobenzene | 91.2 | 80-120 | | %REC | 10 | 10/14/2011 5:20:52 PM |

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Oct-11

Analytical Report

CLIENT: Animas Environmental Services **Client Sample ID:** S-5 Center Excavation Base
Lab Order: 1110594 **Collection Date:** 10/10/2011 3:15:00 PM
Project: Enterprise Products Company Jacquez Gas Com **Date Received:** 10/12/2011
Lab ID: 1110594-05 **Matrix:** SOIL

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015B: DIESEL RANGE ORGANICS | | | | | | Analyst: JB |
| Diesel Range Organics (DRO) | 200 | 9.7 | | mg/Kg | 1 | 10/21/2011 12:01:24 AM |
| Surr: DNOP | 79.1 | 73.4-123 | | %REC | 1 | 10/21/2011 12:01:24 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 48 | | mg/Kg | 10 | 10/14/2011 5:50:51 PM |
| Surr: BFB | 102 | 75.2-136 | | %REC | 10 | 10/14/2011 5:50:51 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: RAA |
| Benzene | ND | 0.48 | | mg/Kg | 10 | 10/14/2011 5:50:51 PM |
| Toluene | ND | 0.48 | | mg/Kg | 10 | 10/14/2011 5:50:51 PM |
| Ethylbenzene | ND | 0.48 | | mg/Kg | 10 | 10/14/2011 5:50:51 PM |
| Xylenes, Total | ND | 0.96 | | mg/Kg | 10 | 10/14/2011 5:50:51 PM |
| Surr: 4-Bromofluorobenzene | 93.4 | 80-120 | | %REC | 10 | 10/14/2011 5:50:51 PM |

Qualifiers:

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

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Oct-11

Analytical Report

| | | | |
|------------|---|-------------------|------------------------|
| CLIENT: | Animas Environmental Services | Client Sample ID: | Groundwater Excavation |
| Lab Order: | 1110594 | Collection Date: | 10/10/2011 3:25:00 PM |
| Project: | Enterprise Products Company Jacquez Gas Com | Date Received: | 10/12/2011 |
| Lab ID: | 1110594-06 | Matrix: | AQUEOUS |

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|---|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015B: DIESEL RANGE | | | | | | Analyst: JB |
| Diesel Range Organics (DRO) | 4.4 | 1.0 | | mg/L | 1 | 10/18/2011 1:26:20 AM |
| Surr: DNOP | 104 | 81.1-147 | | %REC | 1 | 10/18/2011 1:26:20 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 2.5 | 0.25 | | mg/L | 5 | 10/12/2011 9:34:56 PM |
| Surr: BFB | 107 | 65.4-141 | | %REC | 5 | 10/12/2011 9:34:56 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: RAA |
| Benzene | ND | 5.0 | | µg/L | 5 | 10/12/2011 9:34:56 PM |
| Toluene | 16 | 5.0 | | µg/L | 5 | 10/12/2011 9:34:56 PM |
| Ethylbenzene | 120 | 5.0 | | µg/L | 5 | 10/12/2011 9:34:56 PM |
| Xylenes, Total | 840 | 10 | | µg/L | 5 | 10/12/2011 9:34:56 PM |
| Surr: 4-Bromofluorobenzene | 101 | 76.5-115 | | %REC | 5 | 10/12/2011 9:34:56 PM |

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
NC Non-Chlorinated
PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
 Project: Enterprise Products Company Jacquez Gas Com

Work Order: 1110594

| Analyte | Result | Units | PQL | SPK Va | SPK ref | %Rec | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|--------|-------|-------|------------------|---------|---------------------------------------|----------|-----------|------|----------|------|
| Method: EPA Method 8015B: Diesel Range Organics | | | | | | | | | | | |
| Sample ID: MB-28892 | | MBLK | | | | | | | | | |
| | | | | Batch ID: 28892 | | Analysis Date: 10/18/2011 5:57:50 AM | | | | | |
| Diesel Range Organics (DRO) | ND | mg/Kg | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | mg/Kg | 50 | | | | | | | | |
| Sample ID: LCS-28892 | | LCS | | | | | | | | | |
| | | | | Batch ID: 28892 | | Analysis Date: 10/18/2011 6:32:15 AM | | | | | |
| Diesel Range Organics (DRO) | 34.80 | mg/Kg | 10 | 50 | 0 | 69.6 | 66.7 | 119 | | | |
| Method: EPA Method 8015B: Diesel Range | | | | | | | | | | | |
| Sample ID: MB-28878 | | MBLK | | | | | | | | | |
| | | | | Batch ID: 28878 | | Analysis Date: 10/17/2011 8:22:11 PM | | | | | |
| Diesel Range Organics (DRO) | ND | mg/L | 1.0 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | mg/L | 5.0 | | | | | | | | |
| Sample ID: LCS-28878 | | LCS | | | | | | | | | |
| | | | | Batch ID: 28878 | | Analysis Date: 10/17/2011 8:56:13 PM | | | | | |
| Diesel Range Organics (DRO) | 5.246 | mg/L | 1.0 | 5 | 0 | 105 | 74 | 157 | | | |
| Sample ID: LCSD-28878 | | LCSD | | | | | | | | | |
| | | | | Batch ID: 28878 | | Analysis Date: 10/17/2011 9:30:05 PM | | | | | |
| Diesel Range Organics (DRO) | 5.152 | mg/L | 1.0 | 5 | 0 | 103 | 74 | 157 | 1.81 | 23 | |
| Method: EPA Method 8015B: Gasoline Range | | | | | | | | | | | |
| Sample ID: MB-28883 | | MBLK | | | | | | | | | |
| | | | | Batch ID: 28883 | | Analysis Date: 10/15/2011 1:51:02 AM | | | | | |
| Gasoline Range Organics (GRO) | ND | mg/Kg | 5.0 | | | | | | | | |
| Sample ID: LCS-28883 | | LCS | | | | | | | | | |
| | | | | Batch ID: 28883 | | Analysis Date: 10/14/2011 10:50:59 PM | | | | | |
| Gasoline Range Organics (GRO) | 26.82 | mg/Kg | 5.0 | 25 | 0 | 107 | 86.4 | 132 | | | |
| Method: EPA Method 8015B: Gasoline Range | | | | | | | | | | | |
| Sample ID: 5ML-RB | | MBLK | | | | | | | | | |
| | | | | Batch ID: R48375 | | Analysis Date: 10/12/2011 10:15:18 AM | | | | | |
| Gasoline Range Organics (GRO) | ND | mg/L | 0.050 | | | | | | | | |
| Sample ID: 2.5UG GRO LCS | | LCS | | | | | | | | | |
| | | | | Batch ID: R48375 | | Analysis Date: 10/12/2011 11:42:32 AM | | | | | |
| Gasoline Range Organics (GRO) | 0.5676 | mg/L | 0.050 | 0.5 | 0 | 114 | 92.1 | 117 | | | |
| Method: EPA Method 8021B: Volatiles | | | | | | | | | | | |
| Sample ID: MB-28883 | | MBLK | | | | | | | | | |
| | | | | Batch ID: 28883 | | Analysis Date: 10/15/2011 1:51:32 AM | | | | | |
| Benzene | ND | mg/Kg | 0.050 | | | | | | | | |
| Toluene | ND | mg/Kg | 0.050 | | | | | | | | |
| Ethylbenzene | ND | mg/Kg | 0.050 | | | | | | | | |
| Xylenes, Total | ND | mg/Kg | 0.10 | | | | | | | | |
| Sample ID: LCS-28883 | | LCS | | | | | | | | | |
| | | | | Batch ID: 28883 | | Analysis Date: 10/15/2011 12:21:33 AM | | | | | |
| Benzene | 0.9418 | mg/Kg | 0.050 | 1 | 0.0195 | 92.2 | 83.3 | 107 | | | |
| Toluene | 0.8799 | mg/Kg | 0.050 | 1 | 0 | 88.0 | 74.3 | 115 | | | |
| Ethylbenzene | 0.9540 | mg/Kg | 0.050 | 1 | 0.0065 | 94.8 | 80.9 | 122 | | | |
| Xylenes, Total | 2.903 | mg/Kg | 0.10 | 3 | 0 | 96.8 | 85.2 | 123 | | | |

Qualifiers:

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