

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

RECEIVED

SEP 08 2010

HOBBSOCD

Form C-14
Revised October 10, 2009

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action**OPERATOR**☒ Initial Report ☐ Final Report

Name of Company	Legacy Reserves, LP	Contact	Kevin Bracey
Address	P. O. Box 10848, Midland, Texas 79702	Telephone No.	432-238-2856
Facility Name	WA Simpson	Facility Type	Tank Battery
Surface Owner	Arzell Sellers	Mineral Owner	
		Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	3	15S	37E					Lea

Latitude 33° 02.632" North

Longitude 103° 10.987" West

NATURE OF RELEASE

Type of Release	Produced Water and crude oil	Volume of Release	225 bbls	Volume Recovered	160 bbls
Source of Release	Tank	Date and Hour of Occurrence	9/3/2010 @ 3:00 pm	Date and Hour of Discovery	9/3/2010 @ 3:30 pm
Was Immediate Notice Given?	X Yes No Not Required	If YES, To Whom?	EL Gonzales		
By Whom?	Camille Bryant	Date and Hour	9/3/2010 @ 5:30 pm		
Was a Watercourse Resched?	<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: The Davis Gas Plant went off line causing the lines to pressure up and the tank at the WA Simpson Tank Battery to overflow.

Describe Area Affected and Cleanup Action Taken. The release impacted approximately 8,200 square feet inside the tank battery and approximately 3,00 square feet outside the tank battery. A fine to heavy overspray affected the area to the northwest of the tank battery. The overspray area was treated with Micro Blaze solution. The site will be remediated to NMOCD guidelines.

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: <i>Kevin Bracey</i>	OIL CONSERVATION DIVISION	
Printed Name: Kevin Bracey	Approved by District Supervisor: <i>Jeffrey Loring</i>	
Title: Production Foreman	Approval Date: 09/08/10	Expiration Date: 11/08/10
E-mail Address: kbracey@legacylvp.com	Conditions of Approval: SUBMIT FINAL	
Date: 9-8-2010	Phone: 432-238-2856	C-141 BY 11/08/10 1RF-10-9-2609

Basin Environmental Service Technologies, LLC

3100 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260

bjarguijo@basinenv.com

Office: (575) 396-2378 Fax: (575) 396-1429



REMEDIATION SUMMARY & RISK-BASED SITE CLOSURE REQUEST

**LEGACY RESERVES, LP
WA SIMPSON
Lea County, New Mexico
Unit Letter "I" (NE/SE), Section 3, Township 15 South, Range 37 East
Latitude 33° 02.632' North, Longitude 103° 10.987' West
NMOCD Reference #1RP-10-9-2609**

Prepared For:

Legacy Reserves, LP
P. O. Box 10848
Midland, TX 79702

Prepared By:

Basin Environmental Service Technologies, LLC
3100 Plains Highway
Lovington, NM 88260

July 2012


Ben J. Arguijo
Project Manager

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FIGURES

Figure 1 – Site Location Map

Figure 2 – Site & Sample Location Map

TABLES

Table 1 – Concentrations of Benzene, BTEX, TPH & Chloride in Soil

Table 2 – Field Test Results

APPENDICES

Appendix A – Release Notification and Corrective Action (Form C-141)

Appendix B – Photographs

Appendix C – Soil Disposal Manifests

Appendix D – Soil Boring Logs

Appendix E – Laboratory Analytical Reports

1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin Environmental), on behalf of Legacy Reserves, LP (Legacy), has prepared this *Remediation Summary & Risk-Based Site Closure Request* for the release site known as WA Simpson. The legal description of the release site is Unit Letter "T" (NE/SE), Section 3, Township 15 South, Range 37 East in Lea County, New Mexico. The geographic coordinates of the release site are 33° 02.632' North latitude and 103° 10.987' West longitude. The property affected by the release is owned by Mr. Arzell Sellers. Please reference Figure 1 for a "Site Location Map".

On September 3, 2010, Legacy discovered a release had occurred at the WA Simpson tank battery. The Davis Gas Plant had gone offline, causing transmission lines to pressure up and a storage tank to overflow, resulting in a release of crude oil and produced water. The release was immediately reported to the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office. The "Release Notification and Corrective Action" (Form C-141) indicated approximately two hundred and twenty-five barrels (225 bbls) were released, with approximately one hundred and sixty barrels (160 bbls) recovered. The release impacted an area measuring approximately eight thousand, two hundred square feet (8,200 ft²) inside the tank battery, and approximately three thousand square feet (3,000 ft²) outside the tank battery. A fine overspray impacted the area to the northwest of the tank battery and was treated with a Micro-Blaze® solution.

The Form C-141 is provided as Appendix A. General photographs of the release site are provided as Appendix B.

During the course of remediation activities, it was discovered that the WA Simpson release comingled with an area of historical impact to the southeast of the site. The release sites were remediated concurrently.

2.0 NMOCD SITE CLASSIFICATION

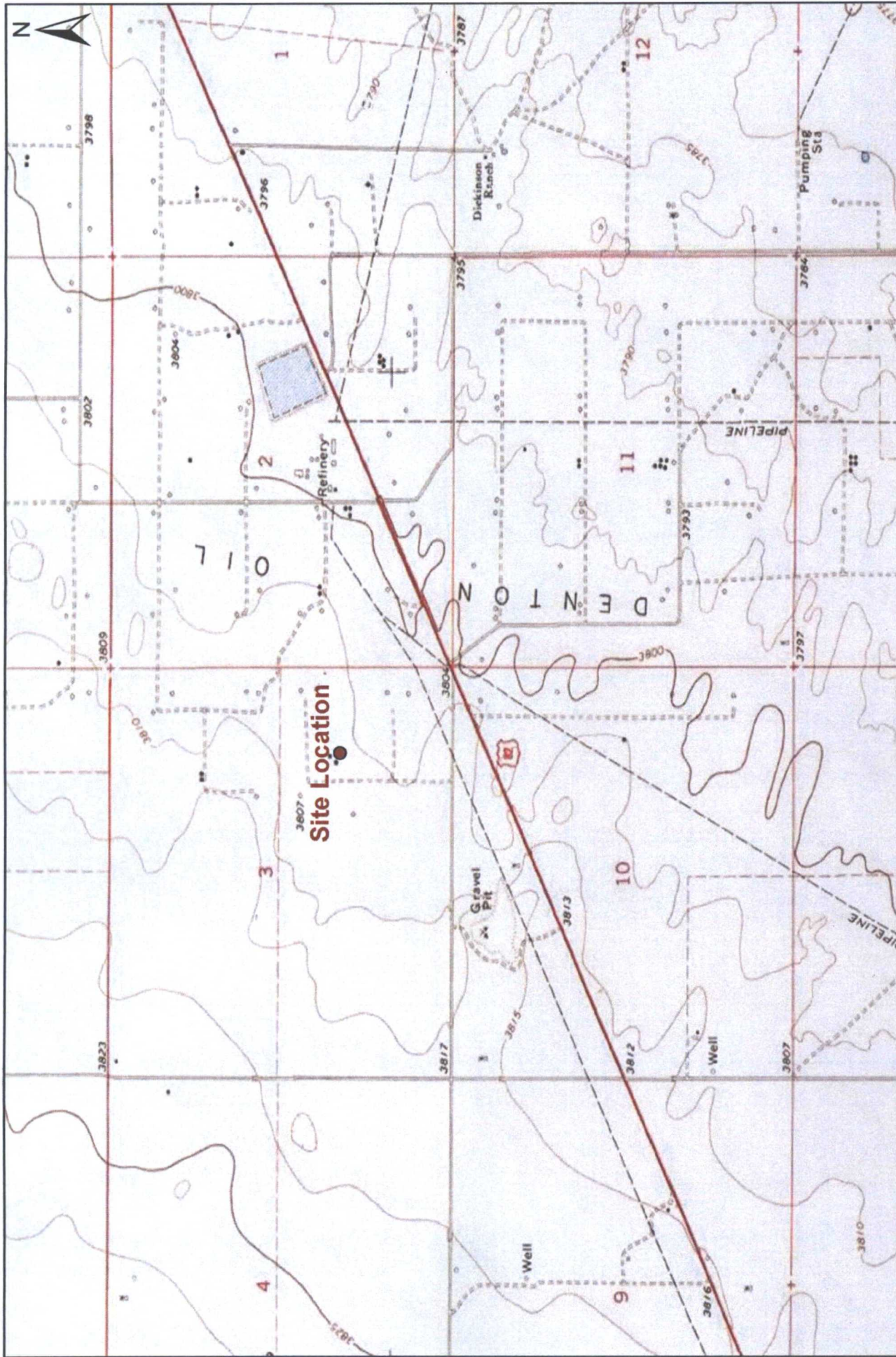
A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicates groundwater should be encountered at approximately fifty-five feet (55') below ground surface (bgs). Based on the NMOCD ranking system, ten (10) points will be assigned to the site as a result of this criterion.

A search of the NMWRRS database indicated there are irrigation wells within one thousand feet (1,000') of the release. Based on the NMOCD ranking system, twenty (20) points will be assigned to the site as a result of this criterion.

There are no surface water bodies within one thousand feet (1,000') of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

NMOCD guidelines indicate the WA Simpson release site has an initial ranking score of thirty (30) points. The soil remediation levels for a site with a ranking score of thirty (30) points are as follows:


- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 100 mg/Kg (ppm)



1,000 500 0 1,000 2,000

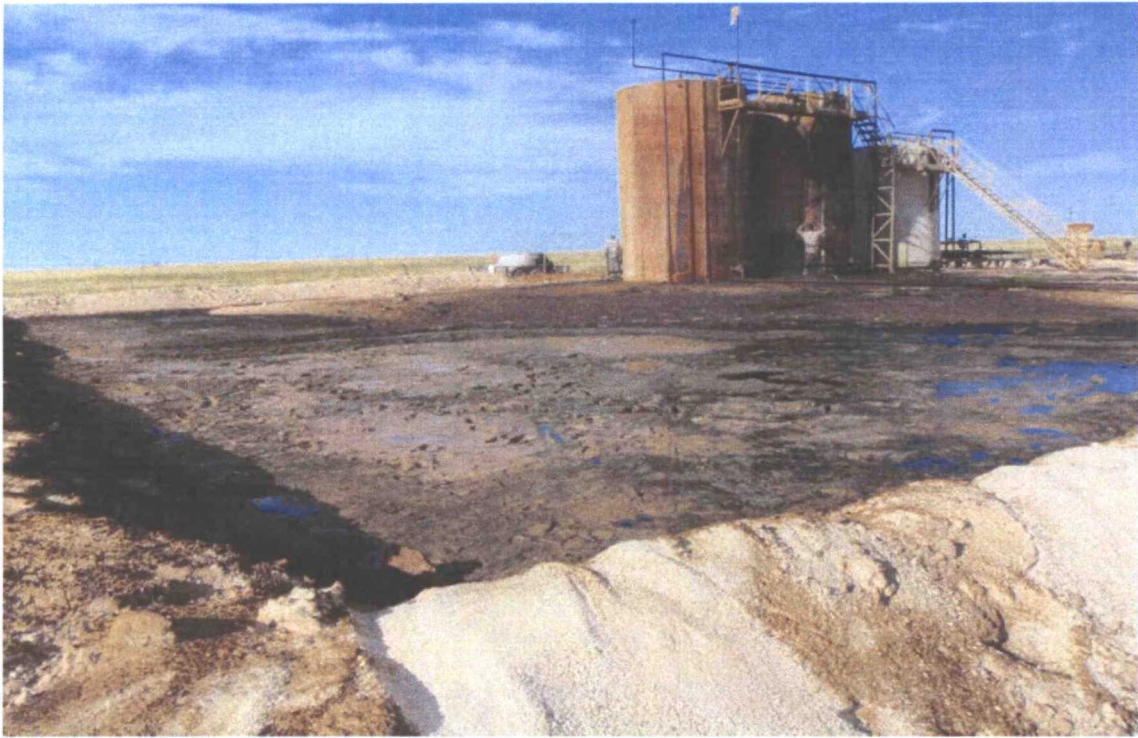
Distance in Feet

Figure 1
Site Location Map
Legacy Reserves, LP
WA Simpson
Lea County, New Mexico
NMOCD Ref. #: 1RP-10-9-2609



Basin Environmental Service Technologies, LLC
 3100 Plains Hwy.
 Lovington, NM 88260

Drawn By: BJA May 13, 2011	Checked By: BRB Scale: 1" = 2000'
-------------------------------	--------------------------------------



WA Simpson Release Site



WA Simpson Release Site



WA Simpson - Southeast Pooling Area & Southeast Historical Area (looking east)



WA Simpson - Southeast Pooling Area & Southeast Historical Area (looking east)



WA Simpson - Tank Battery Excavation



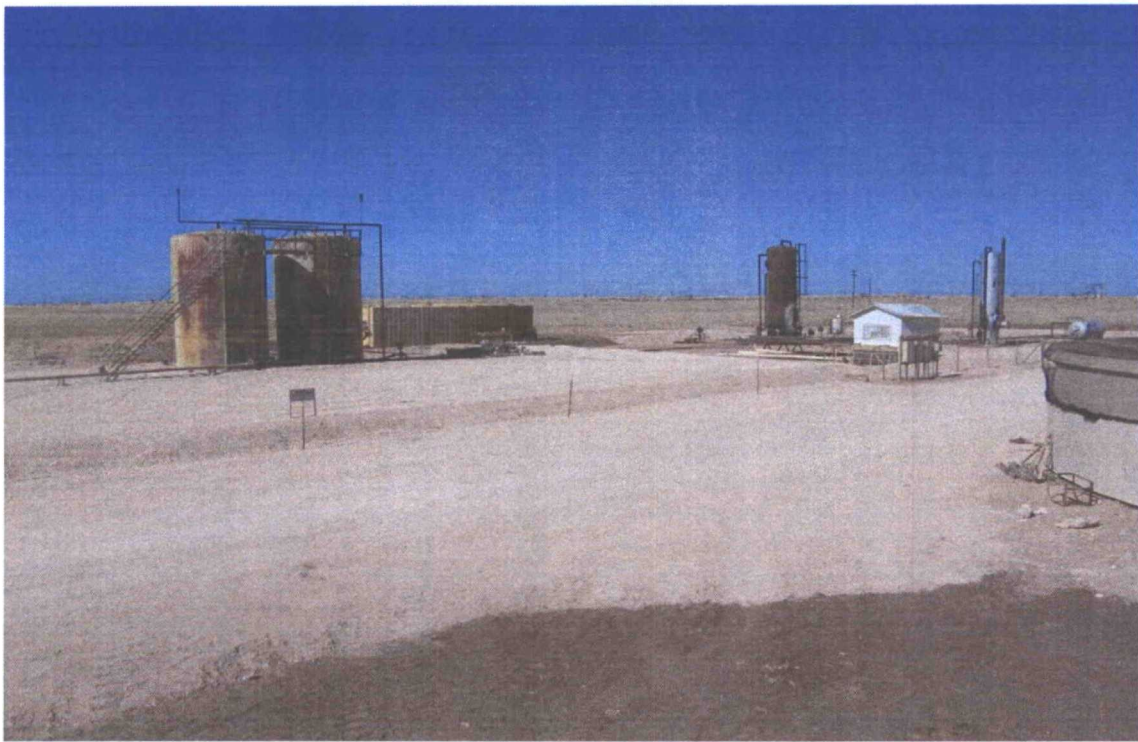
WA Simpson - Tank Battery Excavation (looking northeast)



WA Simpson - Tank Battery Excavation (looking west)



WA Simpson - Tank Battery Excavation (following installation of clay liner)



WA Simpson - Tank Battery Excavation (following backfill)



WA Simpson - West Pooling Area Excavation (looking west)



WA Simpson - West Pooling Area Excavation (looking west)



WA Simpson - West Pooling Area Excavation (prior to installation of clay liner; looking west)



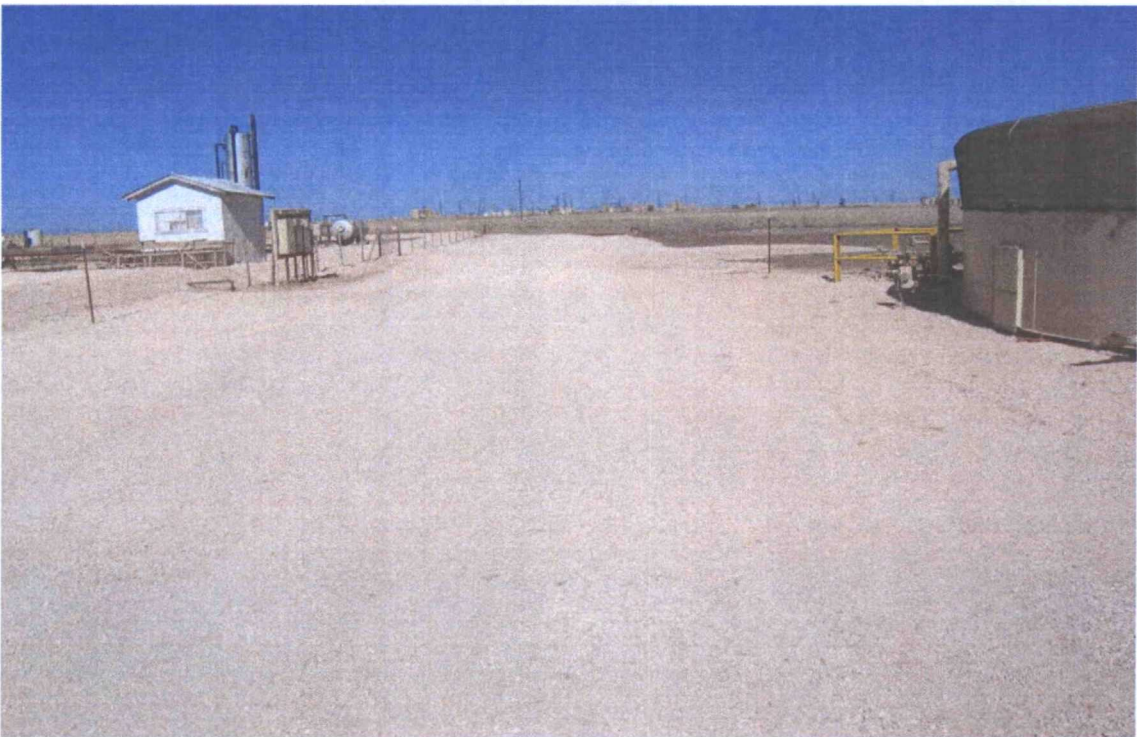
WA Simpson - West Pooling Area Excavation (following liner installation; looking west)



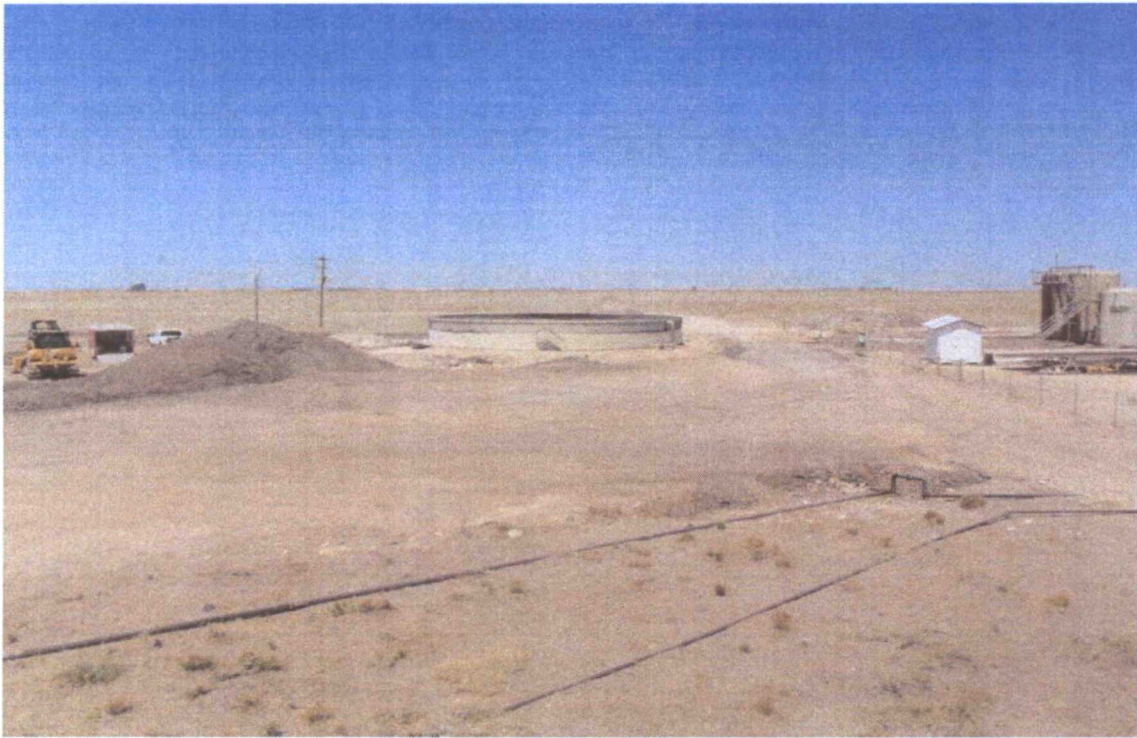
WA Simpson - West Pooling Area Excavation (following liner installation; looking northeast)



WA Simpson - West Pooling Area Excavation (following backfill; looking north)



WA Simpson - West Pooling Area Excavation (following backfill; looking east)



WA Simpson - Southeast Pooling Area (prior to excavation; looking west)



WA Simpson - Southeast Pooling Area Excavation (looking west)



WA Simpson - Southeast Historical Area, Delineation Trenches (looking south)



WA Simpson - Southeast Pooling & Southeast Historical Area Excavations
(installation of clay liner; looking southeast)



WA Simpson - Southeast Pooling & Southeast Historical Area Excavations
(following liner installation; looking southeast)



WA Simpson - Southeast Pooling & Southeast Historical Area Excavations
(following liner installation; looking north)



WA Simpson - West & Southeast Historical Area Excavations
(following backfill; looking east-southeast)



WA Simpson - Southeast Pooling & Southeast Historical Area Excavations
(following backfill; looking north)



WA Simpson - Advancement of Soil Boring SB-1



WA Simpson - Soil borings SB-1 through SB-3
(following P&A; bore hole locations flagged; looking northwest)



WA Simpson - Southeast Pooling & Southeast Historical Area Excavations
(following seeding; looking northwest)



WA Simpson - Southeast Pooling & Southeast Historical Area Excavations
(following seeding; looking northwest)

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N^o 54980LEASE OPERATOR/SHIPPER/COMPANY Legacy ReservesLEASE NAME W.A. SimpsonTRANSPORTER COMPANY Holquin Trucking TIME 3:50 AM/PMDATE 06-01-11 VEHICLE NO. 27 DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material ☒ Contaminated soil ☐ C-117 No. _____☐ BS&W content _____Description CHLORIDE Impacted
soilVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY-MARLEY, INC.'S ACCCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY-MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the aboved described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER _____

FACILITY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55008

LEASE OPERATOR/SHIPPER/COMPANY

Legacy Reserves

LEASE NAME

W.A. Simpson

TRANSPORTER COMPANY

J. Holguin

TIME

2:19

AM/PM

DATE

06-02-11

VEHICLE NO.

08

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CLVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

Rafael Holguin

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

Nº 55011

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

QUEZADA

TIME

2:37

AM/PM

DATE

06-02-11

VEHICLE NO.

06

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL [] : YARDS

20

: CELL#

LF

: []

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DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N^o 55022LEASE OPERATOR/SHIPPER/COMPANY LogisticsLEASE NAME U.S. ArmyTRANSPORTER COMPANY RTM LeasingTIME 7:10

AM/PM

DATE 6-3-11VEHICLE NO. R-1

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____Description CLVOLUME OF MATERIAL ☐ : YARDS 00 : CELL# LT : ☐

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DRIVER [Signature]FACILTY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55060

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

HOLGUIN

TIME

12:37

AM/PM

DATE

06-03-11

VEHICLE NO.

05

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL []: YARDS

20

: CELL#

LF

:[]

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

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P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55061LEASE OPERATOR/SHIPPER/COMPANY LEGACY RESERVESLEASE NAME W.A. SIMPSONTRANSPORTER COMPANY HOLGUIN TIME 1:03 AM/PM (AM)DATE 06-03-11 VEHICLE NO. 02 DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL**OCD**☐ Other Material ☒ Contaminated soil ☐ C-117 No. _____☐ BS&W content _____Description CLVOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : [] _____

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DRIVER [Signature]FACILITY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55079

LEASE OPERATOR/SHIPPER/COMPANY

LEASE NAME

TRANSPORTER COMPANY

TIME

AM/PM

DATE

VEHICLE NO.

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐

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DRIVER

FACILTY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55084

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

PONDENOSA

TIME

11:57 AM/PM

DATE

06-06-11

VEHICLE NO.

03

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL []: YARDS

20

: CELL#

LF

:[]

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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GANDY-MARLEY, INC.

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Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55089

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

MARIN

TIME

2:27

AM/PM

DATE

06-06-11

VEHICLE NO.

M-1

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL []: YARDS 20 : CELL# LF : []

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-
RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY-MARLEY, INC.'S ACCCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY-MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the aboved described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER

MARIN

FACILITY REPRESENTATIVE

J. M. C.

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55203

LEASE OPERATOR/SHIPPER/COMPANY

Legacy Resources

LEASE NAME

WA Simpson

TRANSPORTER COMPANY

A-11 MARIN TR

TIME

1930

AM/PM

DATE

6-7-2011

VEHICLE NO.

17-1

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

chert & solVOLUME OF MATERIAL ☐ : YARDS20

: CELL#

: ☐ : _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

James Brown

FACILITY REPRESENTATIVE

W. Taylor

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55205

LEASE OPERATOR/SHIPPER/COMPANY

Legacy Reserves

LEASE NAME

G.A. Simpson

TRANSPORTER COMPANY

R+M LARAS

TIME

7:20

AM/PM

DATE

06-02-11

VEHICLE NO.

R1

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS

20

: CELL#

LF

: ☐

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55231

LEASE OPERATOR/SHIPPER/COMPANY

LEASE NAME

TRANSPORTER COMPANY

TIME

AM/PM

DATE

VEHICLE NO.

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☐ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description _____

VOLUME OF MATERIAL ☐ : YARDS _____ : CELL# _____ : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-
RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER _____

FACILTY REPRESENTATIVE _____

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55248LEASE OPERATOR/SHIPPER/COMPANY Leahy ResourcesLEASE NAME W.A. SIMPSONTRANSPORTER COMPANY Jose HolguinTIME 11:07 AM/PMDATE 06-08-11VEHICLE NO. 02

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____Description CLVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER [Signature]FACILTY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55266

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

J & J

TIME 8:31 AM/PM

DATE

06-09-11

VEHICLE NO.

12

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description CL

VOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : []

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

FACILTY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55307

LEASE OPERATOR/SHIPPER/COMPANY Legacy ResourcesLEASE NAME WA SimpsonTRANSPORTER COMPANY JTSTIME 11:15 AM/PMDATE 6-16-11VEHICLE NO. 12

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☐ Contaminated soil☐ C-117 No. _____☐ BS&W content _____Description CLVOLUME OF MATERIAL [] : YARDS 20 : CELL# 61 : []

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-
RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER [Signature]FACILITY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

12

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55311

LEASE OPERATOR/SHIPPER/COMPANY Lesperon ResourcesLEASE NAME WPA S. 1000TRANSPORTER COMPANY T. H. GreenTIME 11:15AM/PM (P)DATE 6-10-11VEHICLE NO. 002

DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____Description CCVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER _____

FACILITY REPRESENTATIVE _____

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55404

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

MARTINEZ

TIME

2:19

AM/PM

DATE

06-13-11

VEHICLE NO.

M-525

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS

20

: CELL#

LF

:[]

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

Alonso Ht

FACILITY REPRESENTATIVE

J. T. Tison

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55414LEASE OPERATOR/SHIPPER/COMPANY LEGACY RESERVESLEASE NAME W.A. SIMPSONTRANSPORTER COMPANY HOLGUIN TIME 5:23 AM/PM (AM)DATE 06-13-11 VEHICLE NO. 02 DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL**OCD**☐ Other Material ☒ Contaminated soil ☐ C-117 No. _____☐ BS&W content _____Description CLVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-
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DRIVER [Signature]FACILITY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55459

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

HOBBS

TIME

2:05

AM/PM

DATE **06-19-11**

VEHICLE NO.

005

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL**VOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : []**

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

33

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N1 55465

LEASE OPERATOR/SHIPPER/COMPANY LEGACY RESERVESLEASE NAME W.A. SIMPSONTRANSPORTER COMPANY D & M TIME 3:33 AM/PM AMDATE 06-14-11 VEHICLE NO. D-1 DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL

OCD

[] Other Material [☒] Contaminated soil [] C-117 No. _____
[] BS&W content _____

Description CLVOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : [] _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-
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DRIVER [Signature]FACILITY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55470LEASE OPERATOR/SHIPPER/COMPANY LEGACY RESERVESLEASE NAME W A SIMPSONTRANSPORTER COMPANY ALDRID TIME 5:05 AM/PM (P)DATE 06-11-11 VEHICLE NO. 01 DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL**OCD**☐ Other Material ☒ Contaminated soil ☐ C-117 No. _____☐ BS&W content _____Description CLVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER [Signature]FACILITY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55471

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVE

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

J & J

TIME

5.12

AM/PM

DATE

06-14-11

VEHICLE NO.

12

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS

20

: CELL#

LF

:[]

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY-MARLEY, INC.'S ACCCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY-MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the aboved described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER

Joni Lopez

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

25 cont
23 clay

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55478

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

CIA MARTINEZ

TIME

9:17

AM/PM

DATE

06-15-11

VEHICLE NO.

02

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material

☒ Contaminated soil

☐ C-117 No. _____

☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

Charlie Martinez

FACILITY REPRESENTATIVE

T. L. L...

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55483

LEASE OPERATOR/SHIPPER/COMPANY LEGACY RESERVES

LEASE NAME W.A. SIMPSON

TRANSPORTER COMPANY PALLADIS TIME 12:21 AM/PM (P)

DATE 06-15-11 VEHICLE NO. 01 DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL

OCD

☐ Other Material ☒ Contaminated soil ☐ C-117 No. _____
☐ BS&W content _____

Description CL

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER RONALD FAHREY

FACILITY REPRESENTATIVE J.T.

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

BACK Haul CLAY

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55491

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

HOLGUIN

TIME

3:07

AM/PM

DATE

06-15-11

VEHICLE NO.

005

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CLVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

[Signature]

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

PICK KAUL-CLAY-

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

Nº 55498**LEASE OPERATOR/SHIPPER/COMPANY**LEGACY RESERVES**LEASE NAME**W.A. SIMPSON**TRANSPORTER COMPANY**HOLGUIN**TIME**8.45**AM/PM****DATE**06-16-11**VEHICLE NO.**03**DRIVER NO.****CHARGE TO****TYPE OF MATERIAL****OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL**VOLUME OF MATERIAL []: YARDS**20**: CELL#**LF**: []**

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVERR. Lopez**FACILTY REPRESENTATIVE**

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55499

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

JOSE HARRIS

TIME 8:55 AM/PM

DATE 06-16-11

VEHICLE NO.

02

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description CL

VOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : []

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service,

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

Nº 55629LEASE OPERATOR/SHIPPER/COMPANY LEGACY RESERVESLEASE NAME W.A. SIMPSONTRANSPORTER COMPANY AMT-12TIME 2:27AM/PM ()DATE 06-17-11VEHICLE NO. AM-525

DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____Description CLVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER Alonso M. G.FACILITY REPRESENTATIVE J. T. T.

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55639

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

HOLGUIN

TIME

11:35

AM/PM

DATE

06-20-11

VEHICLE NO.

005

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS

20

: CELL#

LF

:[]

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

Barbara Sullivan

FACILITY REPRESENTATIVE

J. T. Tilton

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55646

LEASE OPERATOR/SHIPPER/COMPANY

LEASE NAME

TRANSPORTER COMPANY

TIME 2:33 AM/PM

DATE 06-20-11 VEHICLE NO. M-525 DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description CL

VOLUME OF MATERIAL []: YARDS 30 : CELL# LF : []

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-
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DRIVER 410930 M/3

FACILITY REPRESENTATIVE T. J. [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55758

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

PHILLIPS

TIME

10:19 AM/PM

DATE

06-21-11

VEHICLE NO.

01

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL []: YARDS 20 : CELL# LF : []

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

MONSIE PHILLIPS

FACILITY REPRESENTATIVE

J. F. T.

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55763**LEASE OPERATOR/SHIPPER/COMPANY***LEGACY RESERVES***LEASE NAME***W. A. SIMPSON***TRANSPORTER COMPANY***D 9 M***TIME***11:51***AM/PM****DATE***06-21-11***VEHICLE NO.***D-1***DRIVER NO.****CHARGE TO****TYPE OF MATERIAL****OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

*CL***VOLUME OF MATERIAL []: YARDS** *20* **: CELL#** *LF* **: []**

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER*C. C. C.***FACILITY REPRESENTATIVE***J. F. T.*

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55782

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

Pallares

TIME

11:00

AM/PM

DATE

06-22-11

VEHICLE NO.

1

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL []: YARDS

20

: CELL#

LF

:[]

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

MONSE PALLARES

FACILITY REPRESENTATIVE

J. T. T...

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55783**LEASE OPERATOR/SHIPPER/COMPANY****LEGACY RESERVES****LEASE NAME****W.A. SIMPSON****TRANSPORTER COMPANY****TIME****11:35 AM/PM****DATE****06-22-11****VEHICLE NO.****2****DRIVER NO.****CHARGE TO****TYPE OF MATERIAL****OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____Description **CL****VOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : []**

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER**FACILITY REPRESENTATIVE**

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55791

LEASE OPERATOR/SHIPPER/COMPANY

LEASE NAME

TRANSPORTER COMPANY

TIME 8:17 AM/PM

DATE

VEHICLE NO.

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

VOLUME OF MATERIAL []: YARDS 20 : CELL# LF : []

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY-MARLEY, INC.'S ACCCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY-MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the aboved described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55814

LEASE OPERATOR/SHIPPER/COMPANY LEGACY RESERVESLEASE NAME W.A. SIMPSONTRANSPORTER COMPANY HOLGUIN TIME 11:27 AM/PMDATE 06-24-11 VEHICLE NO. 005 DRIVER NO. _____

CHARGE TO _____

TYPE OF MATERIAL

OCD

☐ Other Material ☒ Contaminated soil ☐ C-117 No. _____
☐ BS&W content _____

Description CLVOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

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DRIVER [Signature]FACILITY REPRESENTATIVE [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NI 55819

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W. A. SIMPSON

TRANSPORTER COMPANY

J. HOLLAND

TIME

2:33

AM/PM

DATE

06-24-11

VEHICLE NO.

27

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CLVOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : []

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DRIVER _____

FACILTY REPRESENTATIVE _____

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55837

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W. A. SIMPSON

TRANSPORTER COMPANY

J. HOLGUIN

TIME

10:59**AM/PM**

DATE

06-29-11

VEHICLE NO.

27

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CLVOLUME OF MATERIAL ☐ : YARDS **20** : CELL# **LF** : ☐ _____

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DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55845

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

I & W

TIME

2:31

AM/PM

DATE

06-27-11

VEHICLE NO.

01

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐

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DRIVER

[Signature]

FACILITY REPRESENTATIVE

[Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55904**LEASE OPERATOR/SHIPPER/COMPANY***LEGACY RECEIVES***LEASE NAME***D. A. SIMPSON***TRANSPORTER COMPANY***CFA MARTINEZ***TIME***8:53* **AM/PM****DATE***06-27-11***VEHICLE NO.***02***DRIVER NO.***0***CHARGE TO****TYPE OF MATERIAL****OCD**☐ **Other Material**☒ **Contaminated soil**☐ **C-117 No.** _____☐ **BS&W content** _____**Description***CL***VOLUME OF MATERIAL []: YARDS***20***: CELL#***LF***: []**

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER*[Signature]***FACILITY REPRESENTATIVE**

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55905

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

T & W RENTAL

TIME

8:55

AM/PM

DATE

6-27-11

VEHICLE NO.

01

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL

OCD

☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐

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DRIVER

M.D. BROWN

FACILITY REPRESENTATIVE

J. PETERSON

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NE 55919

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W.A. SIMPSON

TRANSPORTER COMPANY

I, 20

TIME

8:37

AM/PM

DATE

06-28-11

VEHICLE NO.

01

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ : YARDS

20

: CELL#

4F

: ☐

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DRIVER

FACILITY REPRESENTATIVE

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

N2 55959**LEASE OPERATOR/SHIPPER/COMPANY** LEGACY RESERVES**LEASE NAME** W. A. SIMPSON**TRANSPORTER COMPANY** MARTINEZ **TIME** 2:17 **AM/PM** (PM)**DATE** 06-30-11 **VEHICLE NO.** M-525 **DRIVER NO.** _____**CHARGE TO** _____**TYPE OF MATERIAL****OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____**Description** CL**VOLUME OF MATERIAL** ☐ : **YARDS** 20 : **CELL#** LF : ☐ _____

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DRIVER Alvaro M/3**FACILITY REPRESENTATIVE** J. To. To.

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55964**LEASE OPERATOR/SHIPPER/COMPANY**LEGACY RESERVES**LEASE NAME**W. A. SIMPSON**TRANSPORTER COMPANY**JOSE HOLGUIN**TIME**11:07**AM/PM****DATE** 07-01-11**VEHICLE NO.**27**DRIVER NO.****CHARGE TO****TYPE OF MATERIAL****OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____**Description**CL**VOLUME OF MATERIAL [] YARDS**20**: CELL#**LF**: []**

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO-RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER**FACILITY REPRESENTATIVE**

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Superior Printing Service, Inc.

GANDY-MARLEY, INC.

P. O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435

NO 55975

LEASE OPERATOR/SHIPPER/COMPANY

LEGACY RESERVES

LEASE NAME

W A SIMPSON

TRANSPORTER COMPANY

MONTINEZ

TIME

11:13

AM/PM

DATE

07-05-11

VEHICLE NO.

M-525

DRIVER NO.

CHARGE TO

TYPE OF MATERIAL**OCD**☐ Other Material☒ Contaminated soil☐ C-117 No. _____☐ BS&W content _____

Description

CL

VOLUME OF MATERIAL ☐ YARDS

20

: CELL#

LF

:[]

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODES, §361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER

Montinez 14/3

FACILITY REPRESENTATIVE

J. T. T.

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY-MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 625-9206
Fax (575) 625-9706

5656

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY RESERVES**LEASE NAME:** W.A. SIMPSON**TRANSPORTER COMPANY:** HOLGUIN**TIME:** 2:02 AM/PM**DATE:** 07-05-11 **VEHICLE NO.:** 005**DRIVER NO.:****CHARGE TO:****TYPE OF MATERIAL****OCD**☐ Other Material:☒ Contaminated soil☐ C-117 No.: _____☐ BS&W content: _____Description: CL**VOLUME OF MATERIAL []:** YARDS 20 : CELL# LF : [] _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Rafael Holguin**FACILITY REPRESENTATIVE:** T. T.

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

9 cont

GANDY-MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 625-9206
Fax (575) 625-9706

5664

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY RESERVES

LEASE NAME: W.A. SIMPSON

TRANSPORTER COMPANY: JOSE H. ALGUIN

TIME: 8:33 AM/PM

DATE: 07-06-11 VEHICLE NO.: 02

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☒ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description: CL

VOLUME OF MATERIAL []: YARDS 20 : CELL# LF : [] _____

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DRIVER: _____

FACILITY REPRESENTATIVE: y r t o n

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Soil Boring SB-1

Depth Below Ground Surface	Soil Column	Chloride Field Test	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description	Boring SB-1
0				None	None		Date Drilled <u>August 29, 2011</u>
5				None	None	0' - 7' - Backfill (brown fine sand with clay)	Thickness of Bentonite Seal <u>30 Ft</u>
10		472		None	None	7' - 11' - Tan cemented sandstone	Depth of Exploratory Boring <u>30 Ft bgs</u>
15				None	None		Depth to Groundwater _____
20		342		None	None	11' - 24' - Tan fine sand - sandstone	Ground Water Elevation _____
25		144		None	None		Indicates the PSH level measured on _____
30		<120		None	None	24' - 30' - Tan fine sand - gravel - sandstone	Indicates the groundwater level measured on _____
							Indicates samples selected for Laboratory Analysis.
							PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- 1.) The soil boring was advanced on date using air rotary drilling techniques.
- 2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-1

Legacy Reserves, LP
WA Simpson
Lea County, New Mexico







Basin Environmental Service Technologies, LLC
3100 Plains Hwy.
Lovington, NM 88260

Prep By: BJA	Checked By: BRB
March 15, 2012	

Soil Boring SB-2

Depth Below Ground Surface	Soil Column	Chloride Field Test	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description	Boring SB-2
0				None	None		Date Drilled <u>August 29, 2011</u>
5				None	None	0' - 6' - Backfill (brown fine sand with clay)	Thickness of Bentonite Seal <u>60 Ft</u>
10				None	None	6' - 13' - Tan fine sand - cemented sandstone	Depth of Exploratory Boring <u>60 Ft bgs</u>
15		(1,036)		None	None		Depth to Groundwater _____
20				None	None	13' - 32' - Tan fine sand - sandstone	Ground Water Elevating _____
25		(576)		None	None		
30				None	None		
35		(380)		None	None	32' - 43' - Tan sandstone (cemented)	
40		416		None	None		
45		(340)		None	None		
50		300		None	None	43' - 60' - Tan fine to very fine sand	
55		(264)		None	None		
60		(168)		None	None		

 Indicates the PSH level measured on _____
 Indicates the groundwater level measured on _____
 Indicates samples selected for Laboratory Analysis.
 PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- 1.) The soil boring was advanced on date using air rotary drilling techniques.
- 2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-2

Legacy Reserves, LP
WA Simpson
Lea County, New Mexico







Basin Environmental Service Technologies, LLC
3100 Plains Hwy.
Lovington, NM 88260

Prep By: BJA	Checked By: BRB
March 15, 2012	

Soil Boring SB-3

Depth Below Ground Surface	Soil Column	Chloride Field Test	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description	Boring SB-3
0				None	None	0' - 3' - Backfill (brown fine sand with clay)	Date Drilled <u>August 29, 2011</u>
5				None	None	3' - 10' - Tan fine sand - cemented sandstone	Thickness of Bentonite Seal <u>35 Ft</u>
10		820		None	None		Depth of Exploratory Boring <u>35 Ft bgs</u>
15				None	None	10' - 21' - Tan fine sand - sandstone - caliche	Depth to Groundwater _____
20		424		None	None		Ground Water Elevating _____
25		340		None	None	21' - 31' - Tan fine sand - sandstone	
30		168		None	None	31' - 32' - Tan fine sand - gravel	
35		120		None	None	32' - 35' - Tan cemented sandstone	

 Indicates the PSH level measured on _____
 Indicates the groundwater level measured on _____
 Indicates samples selected for Laboratory Analysis.
 PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- 1.) The soil boring was advanced on date using air rotary drilling techniques.
- 2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-3

Legacy Reserves, LP
WA Simpson
Lea County, New Mexico



Basin Environmental Service Technologies, LLC
3100 Plains Hwy.
Lovington, NM 88260

Prep By: BJA	Checked By: BRB
March 15, 2012	

Analytical Report 390697
for
Basin Environmental Consulting, LLC

Project Manager: Camille Bryant
WA Simpson

29-SEP-10



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

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North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

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Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



29-SEP-10

Project Manager: **Camille Bryant**
Basin Environmental Consulting, LLC
P.O. Box 381
Lovington, NM 88260

Reference: XENCO Report No: **390697**
WA Simpson
Project Address: Lea County, NM

Camille Bryant:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 390697. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 390697 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 390697

Basin Environmental Consulting, LLC, Lovington, NM
WA Simpson

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Trench 1 @ 3'	S	Sep-15-10 09:00		390697-001
Trench 1 @ 5'	S	Sep-15-10 09:45		390697-002
Trench 1 @ 6'	S	Sep-20-10 09:30		390697-003
Background	S	Sep-15-10 08:45		390697-004
Trench 2 @ 4'	S	Sep-20-10 10:00		390697-005
Trench 2 @ 6'	S	Sep-20-10 10:20		390697-006
Trench 2 @ 8'	S	Sep-20-10 10:50		390697-007
Trench 2 @ 10'	S	Sep-20-10 11:15		390697-008
Trench 2 @ 12'	S	Sep-20-10 11:50		390697-009
S. Trench Sample 5	S	Sep-20-10 12:00		390697-010
W. Trench Sample 1	S	Sep-20-10 12:15		390697-011
E. Trench Sample 1	S	Sep-20-10 12:45		390697-012



CASE NARRATIVE

Client Name: Basin Environmental Consulting, LLC

Project Name: WA Simpson



Project ID:

Work Order Number: 390697

Report Date: 29-SEP-10

Date Received: 09/21/2010

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-824048 TPH By SW8015 Mod

None

Batch: LBA-824065 Percent Moisture

None

Batch: LBA-824070 Anions by E300

None

Batch: LBA-824701 BTEX by EPA 8021B

SW8021BM

Batch 824701, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 390697-011.

The Laboratory Control Sample for Toluene, m,p-Xylenes, Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

SW8021BM

Batch 824701, 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected; data confirmed by failure of the surrogate in both MS and MSD.

Samples affected are: 390697-011 S, 390697-011 SD.

Batch: LBA-824704 BTEX by EPA 8021B

None



CASE NARRATIVE

Client Name: Basin Environmental Consulting, LLC

Project Name: WA Simpson



Project ID:

Work Order Number: 390697

Report Date: 29-SEP-10

Date Received: 09/21/2010

*Batch: LBA-825008 BTEX by EPA 8021B
SW8021BM*

*Batch 825008, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis
Samples affected are: 390697-001.*

SW8021BM

*Batch 825008, o-Xylene recovered below QC limits in the Matrix Spike Duplicate.
Samples affected are: 390697-001.
The Laboratory Control Sample for o-Xylene is within laboratory Control Limits*

Certificate of Analysis Summary 390697

Basin Environmental Consulting, LLC, Lovington, NM

Project Name: WA Simpson



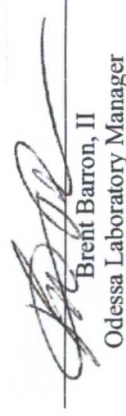
Project Id:
Contact: Camille Bryant
Project Location: Lea County, NM

Date Received in Lab: Tue Sep-21-10 03:00 pm
Report Date: 29-SEP-10
Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	390697-001	390697-002	390697-003	390697-004	390697-005	390697-006
	Field Id: Depth: Matrix: Sampled:	Trench 1 @ 3'	Trench 1 @ 5'	Trench 1 @ 6'	Background	Trench 1 @ 4'	Trench 2 @ 6'
		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sep-15-10 09:00	Sep-15-10 09:45	Sep-20-10 09:30	Sep-15-10 08:45	Sep-20-10 10:00	Sep-20-10 10:20
Anions by E300	Extracted:						
	Analyzed:	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32
	Units/RL:	mg/kg RL 705 8.96	mg/kg RL 195 4.42	mg/kg RL 61.0 4.53	mg/kg RL 14.5 4.32	mg/kg RL 1070 18.7	mg/kg RL 369 9.23
BTX by EPA 8021B	Extracted:	Sep-27-10 09:00	Sep-25-10 15:00	Sep-25-10 15:00	Sep-25-10 15:00	Sep-25-10 15:00	Sep-25-10 15:00
	Analyzed:	Sep-27-10 14:35	Sep-25-10 20:51	Sep-25-10 17:45	Sep-25-10 18:08	Sep-25-10 18:08	Sep-25-10 18:31
	Units/RL:	mg/kg RL ND 0.0053	mg/kg RL ND 0.0011	mg/kg RL ND 0.0011	mg/kg RL ND 0.0011	mg/kg RL ND 0.0011	mg/kg RL ND 0.0011
Percent Moisture	Extracted:						
	Analyzed:	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00
	Units/RL:	% RL 6.25 1.00	% RL 4.88 1.00	% RL 7.31 1.00	% RL 2.81 1.00	% RL 10.4 1.00	% RL 9.00 1.00
	Extracted:	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00
	Analyzed:	Sep-21-10 19:19	Sep-21-10 19:38	Sep-21-10 19:57	Sep-21-10 20:37	Sep-21-10 20:56	Sep-21-10 21:16
	Units/RL:	mg/kg RL 907 16.0	mg/kg RL 18.0 15.7	mg/kg RL ND 16.2	mg/kg RL 15.6 15.4	mg/kg RL ND 16.7	mg/kg RL ND 16.5
TPH By SW8015 Mod	Extracted:						
	Analyzed:	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00
	Units/RL:	% RL 4960 16.0	% RL 67.3 15.7	% RL ND 16.2	% RL 25.9 15.4	% RL ND 16.7	% RL ND 16.5
C6-C12 Gasoline Range Hydrocarbons	Extracted:						
	Analyzed:	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00
	Units/RL:	mg/kg RL 176 16.0	mg/kg RL 6043 16.0	mg/kg RL 17.9 15.4	mg/kg RL 59.4 15.4	mg/kg RL ND 16.7	mg/kg RL ND 16.5
C12-C28 Diesel Range Hydrocarbons	Extracted:						
	Analyzed:	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00
	Units/RL:	% RL 6043 16.0	% RL 85.3 15.7	% RL ND 16.2	% RL 59.4 15.4	% RL ND 16.7	% RL ND 16.5
C28-C35 Oil Range Hydrocarbons	Extracted:						
	Analyzed:	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00
	Units/RL:	mg/kg RL 176 16.0	mg/kg RL 6043 16.0	mg/kg RL 17.9 15.4	mg/kg RL 59.4 15.4	mg/kg RL ND 16.7	mg/kg RL ND 16.5
Total TPH	Extracted:						
	Analyzed:	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00
	Units/RL:	% RL 6043 16.0	% RL 85.3 15.7	% RL ND 16.2	% RL 59.4 15.4	% RL ND 16.7	% RL ND 16.5

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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 Brent Barron, II
 Odessa Laboratory Manager

Certificate of Analysis Summary 390697

Basin Environmental Consulting, LLC, Lovington, NM



Project Name: WA Simpson

Project Id:

Contact: Camille Bryant

Project Location: Lea County, NM

Date Received in Lab: Tue Sep-21-10 03:00 pm

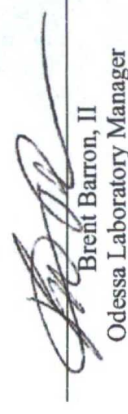
Report Date: 29-SEP-10

Project Manager: Brent Barron, II

Analysis Requested		Lab Id:	390697-007	390697-008	390697-009	390697-010	390697-011	390697-012
Field Id:		Trench 2 @ 8'	Trench 2 @ 10'	Trench 2 @ 12'	S. Trench Sample 5	W. Trench Sample 1	E. Trench Sample 1	
Depth:								
Matrix:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampled:		Sep-20-10 10:50	Sep-20-10 11:15	Sep-20-10 11:50	Sep-20-10 12:00	Sep-20-10 12:15	Sep-20-10 12:45	
Extracted:								
Analyzed:		Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32	Sep-21-10 16:32
Units/RL:		mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		275 9.28	284 9.43	157 4.52	7.67 4.52	23.5 4.55	191 9.05	
BTEX by EPA 8021B								
Extracted:		Sep-25-10 15:00	Sep-25-10 15:00	Sep-25-10 15:00	Sep-25-10 15:00	Sep-25-10 15:30	Sep-25-10 15:00	Sep-25-10 15:00
Analyzed:		Sep-25-10 18:55	Sep-25-10 19:18	Sep-25-10 19:41	Sep-25-10 20:04	Sep-26-10 06:07	Sep-25-10 20:27	Sep-25-10 20:27
Units/RL:		mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011
Toluene		ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022
Ethylbenzene		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011
m,p-Xylenes		ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022	ND 0.0022
o-Xylene		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011
Total Xylenes		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011
Total BTEX		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011
Percent Moisture								
Extracted:		Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00	Sep-21-10 17:00
Analyzed:		% RL	% RL	% RL	% RL	% RL	% RL	% RL
Units/RL:		9.53 1.00	10.9 1.00	7.02 1.00	7.08 1.00	7.66 1.00	7.17 1.00	7.17 1.00
Percent Moisture								
TPH By SW8015 Mod								
Extracted:		Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00	Sep-21-10 16:00
Analyzed:		Sep-21-10 21:36	Sep-21-10 21:55	Sep-21-10 22:14	Sep-21-10 22:34	Sep-21-10 22:54	Sep-21-10 23:13	Sep-21-10 23:13
Units/RL:		mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
C6-C12 Gasoline Range Hydrocarbons		31.8 16.6	ND 16.9	ND 16.2	ND 16.1	ND 16.2	ND 16.1	ND 16.1
C12-C28 Diesel Range Hydrocarbons		19.0 16.6	ND 16.9	ND 16.2	ND 16.1	ND 16.2	ND 16.1	ND 16.1
C28-C35 Oil Range Hydrocarbons		ND 16.6	ND 16.9	ND 16.2	ND 16.1	ND 16.2	ND 16.1	ND 16.1
Total TPH		50.8 16.6	ND 16.9	ND 16.2	ND 16.1	ND 16.2	ND 16.1	ND 16.1

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron, II
Odessa Laboratory Manager

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit

PQL Practical Quantitation Limit

* Outside XENCO's scope of NELAC Accreditation.

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9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 824701

Sample: 574331-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/26/10 04:11

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0329	0.0300	110	80-120	
4-Bromofluorobenzene	0.0343	0.0300	114	80-120	

Lab Batch #: 824701

Sample: 574331-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/26/10 04:34

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0333	0.0300	111	80-120	
4-Bromofluorobenzene	0.0345	0.0300	115	80-120	

Lab Batch #: 824701

Sample: 574331-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/26/10 05:43

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0298	0.0300	99	80-120	
4-Bromofluorobenzene	0.0327	0.0300	109	80-120	

Lab Batch #: 824701

Sample: 390697-011 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/26/10 06:07

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0298	0.0300	99	80-120	
4-Bromofluorobenzene	0.0350	0.0300	117	80-120	

Lab Batch #: 824701

Sample: 390697-011 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/26/10 09:58

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0352	0.0300	117	80-120	
4-Bromofluorobenzene	0.0390	0.0300	130	80-120	**

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 824701

Sample: 390697-011 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/26/10 10:21

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0354	0.0300	118	80-120	
4-Bromofluorobenzene	0.0390	0.0300	130	80-120	**

Lab Batch #: 824704

Sample: 574328-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/25/10 15:48

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0331	0.0300	110	80-120	
4-Bromofluorobenzene	0.0340	0.0300	113	80-120	

Lab Batch #: 824704

Sample: 574328-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/25/10 16:12

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0331	0.0300	110	80-120	
4-Bromofluorobenzene	0.0341	0.0300	114	80-120	

Lab Batch #: 824704

Sample: 574328-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/25/10 17:21

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0321	0.0300	107	80-120	

Lab Batch #: 824704

Sample: 390697-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 17:45

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0340	0.0300	113	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 824704

Sample: 390697-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 18:08

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0301	0.0300	100	80-120	
4-Bromofluorobenzene	0.0349	0.0300	116	80-120	

Lab Batch #: 824704

Sample: 390697-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 18:31

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0298	0.0300	99	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	80-120	

Lab Batch #: 824704

Sample: 390697-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 18:55

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0300	0.0300	100	80-120	
4-Bromofluorobenzene	0.0350	0.0300	117	80-120	

Lab Batch #: 824704

Sample: 390697-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 19:18

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0300	0.0300	100	80-120	
4-Bromofluorobenzene	0.0358	0.0300	119	80-120	

Lab Batch #: 824704

Sample: 390697-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 19:41

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0349	0.0300	116	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 824704

Sample: 390697-010 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 20:04

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0361	0.0300	120	80-120	

Lab Batch #: 824704

Sample: 390697-012 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 20:27

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0301	0.0300	100	80-120	
4-Bromofluorobenzene	0.0360	0.0300	120	80-120	

Lab Batch #: 824704

Sample: 390697-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 20:51

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0297	0.0300	99	80-120	
4-Bromofluorobenzene	0.0350	0.0300	117	80-120	

Lab Batch #: 824704

Sample: 390697-003 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 21:37

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0340	0.0300	113	80-120	
4-Bromofluorobenzene	0.0359	0.0300	120	80-120	

Lab Batch #: 824704

Sample: 390697-003 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/25/10 22:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0351	0.0300	117	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 825008

Sample: 574496-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/27/10 11:03

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0258	0.0300	86	80-120	

Lab Batch #: 825008

Sample: 574496-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/27/10 11:24

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0266	0.0300	89	80-120	

Lab Batch #: 825008

Sample: 574496-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/27/10 12:28

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0261	0.0300	87	80-120	
4-Bromofluorobenzene	0.0244	0.0300	81	80-120	

Lab Batch #: 825008

Sample: 390961-002 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/27/10 13:10

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0316	0.0300	105	80-120	
4-Bromofluorobenzene	0.0264	0.0300	88	80-120	

Lab Batch #: 825008

Sample: 390961-002 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/27/10 13:32

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0280	0.0300	93	80-120	
4-Bromofluorobenzene	0.0266	0.0300	89	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 825008

Sample: 390697-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/27/10 14:35

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1,4-Difluorobenzene		0.0251	0.0300	84	80-120	
4-Bromofluorobenzene		0.1236	0.0300	412	80-120	*

Lab Batch #: 824048

Sample: 573945-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/21/10 16:03

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1-Chlorooctane		82.6	99.7	83	70-135	
o-Terphenyl		57.6	49.9	115	70-135	

Lab Batch #: 824048

Sample: 573945-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/21/10 16:23

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1-Chlorooctane		82.5	99.8	83	70-135	
o-Terphenyl		53.5	49.9	107	70-135	

Lab Batch #: 824048

Sample: 573945-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 09/21/10 16:43

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1-Chlorooctane		83.3	100	83	70-135	
o-Terphenyl		45.1	50.1	90	70-135	

Lab Batch #: 824048

Sample: 390697-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 19:19

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1-Chlorooctane		92.7	99.9	93	70-135	
o-Terphenyl		41.5	50.0	83	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 824048

Sample: 390697-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 19:38

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.1	99.8	84	70-135	
o-Terphenyl	45.6	49.9	91	70-135	

Lab Batch #: 824048

Sample: 390697-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 19:57

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.5	99.9	85	70-135	
o-Terphenyl	45.5	50.0	91	70-135	

Lab Batch #: 824048

Sample: 390697-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 20:37

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	99.9	110	70-135	
o-Terphenyl	58.5	50.0	117	70-135	

Lab Batch #: 824048

Sample: 390697-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 20:56

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.4	99.8	88	70-135	
o-Terphenyl	47.2	49.9	95	70-135	

Lab Batch #: 824048

Sample: 390697-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 21:16

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.5	99.8	87	70-135	
o-Terphenyl	46.6	49.9	93	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 824048

Sample: 390697-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 21:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.1	100	86	70-135	
o-Terphenyl	46.4	50.2	92	70-135	

Lab Batch #: 824048

Sample: 390697-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 21:55

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.5	100	88	70-135	
o-Terphenyl	47.1	50.1	94	70-135	

Lab Batch #: 824048

Sample: 390697-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 22:14

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.7	101	86	70-135	
o-Terphenyl	46.6	50.3	93	70-135	

Lab Batch #: 824048

Sample: 390697-010 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 22:34

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.4	99.6	86	70-135	
o-Terphenyl	45.8	49.8	92	70-135	

Lab Batch #: 824048

Sample: 390697-011 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 22:54

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.8	99.7	87	70-135	
o-Terphenyl	46.7	49.9	94	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: WA Simpson

Work Orders : 390697,

Project ID:

Lab Batch #: 824048

Sample: 390697-012 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 23:13

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.1	99.9	87	70-135	
o-Terphenyl	46.9	50.0	94	70-135	

Lab Batch #: 824048

Sample: 390571-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/21/10 23:52

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.2	99.6	84	70-135	
o-Terphenyl	42.8	49.8	86	70-135	

Lab Batch #: 824048

Sample: 390571-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 09/22/10 00:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.9	101	82	70-135	
o-Terphenyl	43.3	50.3	86	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Project Name: WA Simpson

Work Order #: 390697

Analyst: BRB

Lab Batch ID: 824704

Sample: 574328-1-BKS

Date Prepared: 09/25/2010

Batch #: 1

Project ID:

Date Analyzed: 09/25/2010

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
BTEX by EPA 8021B											
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1000	0.0896	90	0.1	0.0892	89	0	70-130	35	
Toluene	ND	0.1000	0.0884	88	0.1	0.0879	88	1	70-130	35	
Ethylbenzene	ND	0.1000	0.0908	91	0.1	0.0911	91	0	71-129	35	
m,p-Xylenes	ND	0.2000	0.1793	90	0.2	0.1798	90	0	70-135	35	
o-Xylene	ND	0.1000	0.0905	91	0.1	0.0902	90	0	71-133	35	

Analyst: BRB

Lab Batch ID: 824701

Sample: 574331-1-BKS

Date Prepared: 09/25/2010

Batch #: 1

Date Analyzed: 09/26/2010

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
BTEX by EPA 8021B											
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1000	0.0866	87	0.1	0.0870	87	0	70-130	35	
Toluene	ND	0.1000	0.0859	86	0.1	0.0862	86	0	70-130	35	
Ethylbenzene	ND	0.1000	0.0876	88	0.1	0.0887	89	1	71-129	35	
m,p-Xylenes	ND	0.2000	0.1718	86	0.2	0.1738	87	1	70-135	35	
o-Xylene	ND	0.1000	0.0867	87	0.1	0.0876	88	1	71-133	35	

Relative Percent Difference $RPD = 200 * (C-F) / (C+F)$

Blank Spike Recovery $[D] = 100 * (C) / [B]$

Blank Spike Duplicate Recovery $[G] = 100 * (F) / [E]$

All results are based on MDL and Validated for QC Purposes

Project Name: WA Simpson

Work Order #: 390697

Analyst: SEE

Lab Batch ID: 825008

Sample: 574496-1-BKS

Units: mg/kg

Project ID:

Date Analyzed: 09/27/2010

Batch #: 1

Matrix: Solid

Date Prepared: 09/27/2010

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Units: mg/kg											
Analytes	BTEX by EPA 8021B										
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	Benzene	ND	0.1000	0.0949	95	0.1	0.1065	107	12	70-130	35
	Toluene	ND	0.1000	0.0831	83	0.1	0.0938	94	12	70-130	35
	Ethylbenzene	ND	0.1000	0.0911	91	0.1	0.1019	102	11	71-129	35
	m,p-Xylenes	ND	0.2000	0.1797	90	0.2	0.2035	102	12	70-135	35
	o-Xylene	ND	0.1000	0.0719	72	0.1	0.0841	84	16	71-133	35

Analyst: LATCOR

Date Prepared: 09/21/2010

Date Analyzed: 09/21/2010

Lab Batch ID: 824070

Sample: 824070-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Units: mg/kg											
Analytes	Anions by E300										
	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	ND	10.0	9.74	97	10	9.69	97	1	75-125	20	

Relative Percent Difference RPD = $200 * (C - F) / (C + F)$
Blank Spike Recovery [D] = $100 * (C) / [B]$
Blank Spike Duplicate Recovery [G] = $100 * (F) / [E]$
All results are based on MDL and Validated for QC Purposes

Project Name: WA Simpson

Work Order #: 390697

Analyst: BEV

Lab Batch ID: 824048

Sample: 573945-1-BKS

Date Prepared: 09/21/2010

Batch #: 1

Project ID:

Date Analyzed: 09/21/2010

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod		Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes												
C6-C12 Gasoline Range Hydrocarbons		ND	997	1020	102	998	1040	104	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons		ND	997	1010	101	998	932	93	8	70-135	35	

Relative Percent Difference RPD = $200 * (C - F) / (C + F)$

Blank Spike Recovery [D] = $100 * (C) / [B]$

Blank Spike Duplicate Recovery [G] = $100 * (F) / [E]$

All results are based on MDL and Validated for QC Purposes

Project Name: WA Simpson

Work Order #: 390697

Lab Batch ID: 824701

Date Analyzed: 09/26/2010

Reporting Units: mg/kg

Project ID:

QC-Sample ID: 390697-011 S Batch #: 1 Matrix: Soil

Date Prepared: 09/25/2010 Analyst: BRB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
Reporting Units: mg/kg	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
BTEX by EPA 8021B											
Analytes											
Benzene	ND	0.1083	0.0732	68	0.1083	0.0858	79	16	70-130	35	X
Toluene	ND	0.1083	0.0732	68	0.1083	0.0841	78	14	70-130	35	X
Ethylbenzene	ND	0.1083	0.0749	69	0.1083	0.0857	79	13	71-129	35	X
m,p-Xylenes	ND	0.2166	0.1490	69	0.2166	0.1701	79	13	70-135	35	X
o-Xylene	ND	0.1083	0.0736	68	0.1083	0.0836	77	13	71-133	35	X

Lab Batch ID: 824704

Date Analyzed: 09/25/2010

Reporting Units: mg/kg

QC-Sample ID: 390697-003 S Batch #: 1 Matrix: Soil

Date Prepared: 09/25/2010 Analyst: BRB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
Reporting Units: mg/kg	BTEX by EPA 8021B										
	Analytes										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	Benzene	ND	0.1079	0.0976	90	0.1079	0.0950	88	3	70-130	35
	Toluene	ND	0.1079	0.0960	89	0.1079	0.0934	87	3	70-130	35
	Ethylbenzene	ND	0.1079	0.0993	92	0.1079	0.0964	89	3	71-129	35
	m,p-Xylenes	ND	0.2158	0.1964	91	0.2158	0.1899	88	3	70-135	35
	o-Xylene	ND	0.1079	0.0988	92	0.1079	0.0954	88	4	71-133	35

Matrix Spike Percent Recovery $[D] = 100 \times (C-A)/B$
Relative Percent Difference $RPD = 200 \times |(C-F)/(C+F)|$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery $[G] = 100 \times (F-A)/E$

Project Name: WA Simpson

Work Order # : 390697

Lab Batch ID: 825008

Date Analyzed: 09/27/2010

Reporting Units: mg/kg

Project ID:

QC- Sample ID: 390961-002 S

Batch #: 1

Matrix: Soil

Date Prepared: 09/27/2010

Analyst: SEE

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY													
Reporting Units: mg/kg	BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag	
		Benzene	ND	0.1172	0.1239	106	0.1172	0.1052	90	16	70-130	35	
		Toluene	ND	0.1172	0.1100	94	0.1172	0.0915	78	18	70-130	35	
		Ethylbenzene	ND	0.1172	0.1208	103	0.1172	0.1005	86	18	71-129	35	
		m,p-Xylenes	ND	0.2345	0.2392	102	0.2345	0.1988	85	18	70-135	35	
		o-Xylene	ND	0.1172	0.0978	83	0.1172	0.0813	69	18	71-133	35	X

Lab Batch ID: 824048

Date Analyzed: 09/21/2010

Reporting Units: mg/kg

QC- Sample ID: 390571-001 S

Batch #: 1

Matrix: Soil

Date Prepared: 09/21/2010

Analyst: BEV

Reporting Units: mg/kg											
Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	ND	1070	1110	104	1080	1080	100	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	457	1070	1460	94	1080	1500	97	3	70-135	35	

Matrix Spike Percent Recovery $[D] = 100 \times (C-A)/B$
Relative Percent Difference $RPD = 200 \times (C-F)/(C+F)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 \times (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: WA Simpson

Work Order #: 390697

Lab Batch #: 824065

Date Analyzed: 09/21/2010

QC- Sample ID: 390571-001 D

Reporting Units: %

Date Prepared: 09/21/2010

Batch #: 1

Project ID:

Analyst: WRU

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	7.24	7.51	4	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Phone: 432-563-1800
Fax: 432-563-1713

Project Name: WA Simpson

Project #:

Project Loc: Lea County, NM

社

Report Format:

cibrvant@basin-consulting.com

cibrvant@basin-consulting.com

390697

390691

LAB # (lab use only)

Special Instructions Hold for BTEX analysis	Requisitioned by	Date	Time	Received by	Date	Time	Laboratory Comments:
	Wendee Bergquist	9/21/10	11:30	SAT LOANER	9/21/10	8:00	Sample Containers Intact? <input checked="" type="checkbox"/> N VOCs Free of Headspace? <input checked="" type="checkbox"/> N Labels on container(s) <input checked="" type="checkbox"/> N Custody seals on container(s) <input checked="" type="checkbox"/> N Custody seals on cooler(s) <input checked="" type="checkbox"/> N Sample Hand Delivered by Sampler/Client Rep.? <input checked="" type="checkbox"/> N by Courier? <input checked="" type="checkbox"/> N UPS <input checked="" type="checkbox"/> N FedEx <input checked="" type="checkbox"/> N Lone Star <input checked="" type="checkbox"/> N Temperature Upon Receipt 402.9/953 3.1
	SAT LOANER	9/21/10	3:00	Received by			
	Requisitioned by			Received by ELDT:			
				Angeha Blam	9.21.10	15:00	

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
12500 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

2 of 2

Project Manager: Carmille Bryant
Company Name: Basin Environmental Consulting, LLC
Company Address: P.O. Box 381
City/State/Zip: Lovington, NM 88260
Telephone No: (575) 605-7210
Sampler Signature: Carmille Bryant
Project Name: WA Simpson
Project #: _____
Project Loc: Lea County, NM
PO #: _____
Report Format: ☒ Standard ☐ TRRP ☐ NPDES
Fax No: (505) 396-1429
e-mail: cibryant@basin-consulting.com

ORDER #: 390697
(lab use only)
LAB # (lab use only)
FIELD CODE
11 W. Trench Sample 1
12 E. Trench Sample 1
Beginning Depth
Ending Depth
Date Sampled
Time Sampled
Field # of Containers
Total # of Containers
Matrix
Preservation & I of Containers
None
Other (Specify)
DW - Drinking Water SL - Solid
CW - Groundwater S - Soil/Sed
NP - Non-Potable Specify OTH
TPH: 418.1 80-15B
TPH: TX 1005 TX 1006
Cations (Ca, Mg, Na, K)
Anions (Cl, SO4, Alkalinity)
SAR / ESP / CEC
Metals: As Ag Ba Cd Cr Pb Hg Se
Volatiles
Semivolatiles
BTEX 8021 B/5030 or BTEX 8260
RCI
NORM
XX Chilled 300
XX Standard TAT 4 DAY
RUSH TAT (Pre-Schedule) 24 Hr 72 hrs
Analyze For
ICLP
TOTAL: X

Special Instructions: Hold for BTEX analysis
Relinquished by: Carmille Bryant Date: 9/21/10 Time: 11:30
Relinquished by: SPOT LOWRY Date: 9/21/10 Time: 3:00
Relinquished by: _____ Date: _____ Time: _____
Received by: SPOT LOWRY Date: 9/21/10 Time: 3:00
Received by: Andrea Clam Date: 9/21/10 Time: 15:00
Laboratory Comments:
Sample Containers Intact? N
VOCs Free of Headspace? N
Labels on container(s) N
Custody seals on container(s) N
Custody seals on cooler(s) N
Sample Hand Delivered N
by Sampler/Client Rep.? N
by Courier? UPS DHL
Temperature Upon Receipt: 3.1 °C

**XENCO Laboratories**

Atlanta, Boca Raton, Corpus Christi, Dallas
Houston, Miami, Odessa, Philadelphia
Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist

Document No.: SYS-SRC

Revision/Date: No. 01, 5/27/2010

Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Basin Env.
Date/Time: 9.21.10 15:00
Lab ID #: 390699
Initials: AE

Sample Receipt Checklist

1. Samples on ice?	Blue	<u>Water</u>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	<u>Yes</u>	No	N/A	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>3.1</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that apply: ☐ Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
☐ Initial and Backup Temperature confirm out of temperature conditions
☐ Client understands and would like to proceed with analysis

June 09, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 06/07/11 9:30.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

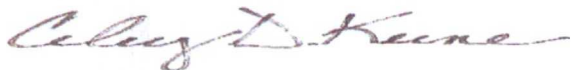
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/07/2011
Reported: 06/09/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/03/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SOUTHEAST WALL (H101172-01)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28.0	4.00	06/08/2011	ND	448	112	400	0.00	

Sample ID: EAST WALL #2 (H101172-02)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	456	4.00	06/08/2011	ND	448	112	400	0.00	

Sample ID: EAST WALL #3 (H101172-03)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	4.00	06/08/2011	ND	448	112	400	0.00	

Sample ID: EAST WALL #4 (H101172-04)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3550	4.00	06/08/2011	ND	448	112	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/07/2011
Reported: 06/09/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/03/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WEST WALL #1 (H101172-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	900	4.00	06/08/2011	ND	448	112	400	0.00		

Sample ID: WEST WALL #2 (H101172-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1400	4.00	06/08/2011	ND	448	112	400	0.00		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO										ANALYSIS REQUEST									
Company Name: Basin Environmental Service Technologies, LLC										P.O. #:									
Project Manager: Ben J. Arquijo										Company: Basin Env.									
Address: P.O. Box 301										Attn:									
City: Lovington										State: NM Zip: 88260									
Phone #: (575) 396-2378										Fax #: (575) 396-1429									
Project #:										Project Owner: Legacy Reserves, LP									
Project Name: WA Simpson										City:									
Project Location: Lea Co., NM										State: Zip:									
Sampler Name: Troy Hahn										Phone #:									
Fax #:																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
H101172																			
-1 Southeast Wall										DATE TIME									
-2 East Wall #2										6/3/11 1000									
-3 East Wall #3										1215									
-4 East Wall #4										1230									
-5 West Wall #1										1340									
-6 West Wall #2										1500									
										1515									

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Troy Hahn	Date: 6/3/11	Received By: [Signature]	Date: 6/3/11
Relinquished By: [Signature]	Time: 1700	Received By: [Signature]	Time: 1700
Delivered By: (Circle One)	Date: 6/7/11	Sample Condition	Checked By: [Signature]
	Time: 0930	Cool Intact	
		Yes No	
		Yes No	
Sampler - UPS - Bus - Other:		5°C	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
REMARKS: # 1st titration. \$			
Please email results to pm@basinenr.com			
Kbracy@legacyp.com			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

June 16, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 06/15/11 13:05.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Hope Moreno

Inorganic Technical Director

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/15/2011
Reported: 06/16/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/14/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: W TRENCH #3 WALL (H101242-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<4.00	4.00	06/16/2011	ND	464	116	400	0.00		

Sample ID: W TRENCH #4 WALL (H101242-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	344	4.00	06/16/2011	ND	464	116	400	0.00		

Sample ID: W TRENCH #2 WALL (H101242-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	172	4.00	06/16/2011	ND	464	116	400	0.00		

Sample ID: W TRENCH #5 WALL (H101242-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<4.00	4.00	06/16/2011	ND	464	116	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

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Hope Moreno, Inorganic Technical Director

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/15/2011
Reported: 06/16/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/14/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: W TRENCH #6 WALL (H101242-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	4.00	06/16/2011	ND	464	116	400	0.00	

Sample ID: E TRENCH #1A WALL (H101242-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	228	4.00	06/16/2011	ND	464	116	400	0.00	

Sample ID: W STOCKPILE (H101242-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	412	4.00	06/16/2011	ND	464	116	400	0.00	

Sample ID: E STOCKPILE (H101242-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	436	4.00	06/16/2011	ND	464	116	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Hope Moreno, Inorganic Technical Director

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Hope Moreno, Inorganic Technical Director

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO										ANALYSIS REQUEST									
Company Name: Basin Environmental Service Technologies, LLC										P.O. #:									
Project Manager: Ben J. Arquijo										Company: Basin Env.									
Address: P.O. Box 301										Attn:									
City: Lovington										State: NM Zip: 88260									
Phone #: (575) 396-2378										Fax #: (575) 396-1429									
Project #:										Project Owner: Legacy Reserves, LP									
Project Name: WA Simpson										City:									
Project Location: Lea Co., NM										State: Zip:									
Sampler Name: Bobby Blackwood										Phone #:									
Fax #:																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
H101242										Chlorides									
1 W Trench #3 Wall										DATE 6/14/11 TIME 0945									
2 W Trench #4 Wall										DATE 1015									
3 W Trench #2 Wall										DATE 1045									
4 W Trench #5 Wall										DATE 1230									
5 W Trench #6 Wall										DATE 1245									
6 E Trench #1A Wall										DATE 1255									
7 W Stockpile										DATE 1315									
8 E Stockpile										DATE 1330									

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or test shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:		Date: 6/14/11		Received By:		Date: 6/14/11		Time: 1100		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date: 6/15/11		Received By:		Date: 6/15/11		Time: 1130		Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		Checked By: (Initials)		REMARKS: * 1:1 titration *			
Delivered By: (Circle One)		Time: 1:03		Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		Checked By: (Initials)		Time: 1:03		Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		Checked By: (Initials)		Please email results to pm@basinenrv.com & kbracey@legacylp.com			
Sampler - UPS - Bus - Other:				Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		Checked By: (Initials)		Time: 1:03		Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		Checked By: (Initials)					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

June 23, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 06/17/11 16:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/17/2011
Reported: 06/23/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/16/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SE HIST AREA-N TRENCH #1 (H101268-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	4.00	06/19/2011	ND	448	112	400	3.64	

Sample ID: W POOLING AREA-S FLOOR @6' (H101268-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	428	4.00	06/19/2011	ND	448	112	400	3.64	
TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2011	ND	230	115	200	14.6	
DRO >C10-C28	135	10.0	06/21/2011	ND	193	96.6	200	12.9	
EXT DRO >C28-C35	<10.0	10.0	06/21/2011	ND					

Surrogate: 1-Chlorooctane 95.0 % 70-130

Surrogate: 1-Chlorooctadecane 96.4 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/17/2011
Reported: 06/23/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/16/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: W POOLING AREA-MIDDLE FL @ 8' (H101268-03)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	4.00	06/19/2011	ND	448	112	400	3.64	

TPH 8015M**mg/kg****Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/21/2011	ND	230	115	200	14.6	
DRO >C10-C28	1630	10.0	06/21/2011	ND	193	96.6	200	12.9	
EXT DRO >C28-C35	90.3	10.0	06/21/2011	ND					

Surrogate: 1-Chlorooctane 93.2 % 70-130

Surrogate: 1-Chlorooctadecane 94.3 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

June 21, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 06/20/11 11:15.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/20/2011
Reported: 06/21/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/16/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SE HIST AREA-N WALL #2 (H101271-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	770	4.00	06/20/2011	ND	416	104	400	0.00	

Sample ID: SE HIST AREA-N WALL #3 (H101271-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	570	4.00	06/20/2011	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO		ANALYSIS REQUEST																
Company Name: Basin Environmental Service Technologies, LLC																		
Project Manager: Ben J. Arguijo																		
Address: P.O. Box 301																		
City: Lovington																		
State: NM																		
Zip: 88260																		
Phone #: (575) 396-2378																		
Fax #: (575) 396-1429																		
Project #:																		
Project Owner: Legacy Reserves, LP																		
Project Name: WA Simpson																		
Project Location: Lea Co., NM																		
Sampler Name: Bobby Blackwood																		
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	MATRIX	PRESERV.	SAMPLING	DATE	TIME												
H101071	- 1 Southwest Historical Area - N. Wall #2	GROUNDWATER	ICE / COOL	X	6/10/11	11:45												
	2 Southwest Historical Area - N. Wall #3	SLUDGE	OTHER	X	6/17/11	10:50												
		OIL																
		WASTEWATER																
		SOIL																
		SLUDGE																
		OTHER																
		ACID/BASE																
		ICE / COOL																
		OTHER																
		GROUNDWATER																
		SLUDGE																
		OIL																
		WASTEWATER																
		SOIL																
		SLUDGE																
		OTHER																
		ACID/BASE																
		ICE / COOL																
		OTHER																

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exposure remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to its performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>B. Blackwood</i>	Date: 6/20/11	Received By: <i>Adi Benson</i>	Date: 6/20/11	Time: 11:45
Relinquished By:	Date:	Received By:	Date:	Time:
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	30			

Please email results to pm@basinenv.com
& kbracey@legacylp.com

101 MARLAND

June 28, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 06/24/11 8:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/24/2011
Reported: 06/28/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/22/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WEST WALL #7 (H101309-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	4.00	06/24/2011	ND	432	108	400	7.14		

Sample ID: WEST WALL #8 (H101309-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	600	4.00	06/24/2011	ND	432	108	400	7.14		

Sample ID: TANK BTRY SW WALL (H101309-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	490	4.00	06/24/2011	ND	432	108	400	7.14	

Sample ID: TANK BTRY W WALL CENT (H101309-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	148	4.00	06/24/2011	ND	432	108	400	7.14	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/24/2011
Reported: 06/28/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/23/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: TANK BTRY NW WALL (H101309-05)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	820	4.00	06/24/2011	ND	432	108	400	7.14	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

SEPTORHINUS

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:		Basin Environmental Service Technologies, LLC	
BILL TO			
P.O.#:			
Project Manager:	Ben J. Arquijo		
Address:	P.O. Box 301		
City:	Lovington	State:	NM
Phone #:	(575) 396-2378	Fax #:	(575) 396-1429
Zip:	88260		
Project Owner:	Legacy Resources, LP		
Project Name:	WA Simpson		
Sampler Location:	Lea Co., NM		
Sampler Name:	Bobby Blackwood		
FOR LAB USE ONLY	MATRIX	PRESERV.	SAMPLING
Lab I.D.	GROUNDEWATER # CONTAINERS	ACID/BASE: ICE / COOL OTHER	DATE TIME
H101309	X	X	6/23/11 0930
West Wall #7	X	X	6/23/11 0930
West wall #8	X	X	1045
Tank Battery Southwest Wall	X	X	1100
Tank Battery West Wall Center	X	X	1115
Tank Battery Northwest Wall	X	X	

Cylinders

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Relinquished By:	Date: 6/23/11	Time: 1730	Received By: PA-Simpson wals
Relinquished By:	Date: 6/24/11	Time: 8:45	Received By: Todd Hanson

Delivered By: (Circle One)	Sample Condition	Checked By:
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)
	No Yes No Yes No Yes	

1.50

June 29, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 06/28/11 11:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/28/2011
Reported: 06/29/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/27/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SE HIST AREA-N WALL #4 (H101337-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	700	4.00	06/29/2011	ND	432	108	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:

Sample Condition	Results
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Sample Condition

☒ Yes ☐ No

1-800-666-6666 and 1-800-666-6666
& kbracey@legacyip.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

July 01, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 06/29/11 16:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 06/29/2011
Reported: 07/01/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/28/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: NORTH WALL #5 (H101350-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	850	4.00	06/30/2011	ND	432	108	400	0.00	

Sample ID: NORTH WALL #6 (H101350-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	830	4.00	06/30/2011	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

laboratory

laboratory

Company Name: Basin Environmental Service Technologies, LLC										BILL TO										ANALYSIS REQUEST																			
Project Manager: Ben J. Arguijo										P.O. #:																													
Address: P.O. Box 301										Company: Basin Env.																													
City: Lovington										State: NM										Zip: 88260																			
Phone #: (575) 396-2378										Fax #: (575) 396-1429										Attn:																			
Project #:										Project Owner: Legacy Reserves, LP										Address:																			
Project Name: WA Simpson										City:										State:																			
Project Location: Lea Co., NM										Zip:										Phone #:																			
Sampler Name: Bobby Blackwood										Fax #:																													
FOR LAB USE ONLY										MATRIX										PRESERV										SAMPLING									
										# CONTAINERS										(C) RAB OR (C) OMP																			
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Relinquished By: <u>Dan C. Baker</u>		Date: <u>4-40</u>		Received By: <u>Adi Benson</u>		Date: <u>6-22</u>		Time: <u>1:40</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date:		Received By:		Date:		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Checked By: (Initials) <u>AB</u>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		REMARKS:			
Sampler - UPS - Bus - Other:		30		30		30		30		Please email results to pmobasinerv.com & kbracey@legacyip.com			

Please email results to pm@basinerv.com
& kbracey@legacyip.com

July 07, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 07/06/11 14:15.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 07/06/2011
Reported: 07/07/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 06/30/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: W POOLING AREA - E WALL #1 (H101392-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	890	4.00	07/07/2011	ND	432	108	400	11.8	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

July 07, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 07/06/11 14:15.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 07/06/2011
Reported: 07/07/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 07/05/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: NORTH WALL #7 (H101393-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	820	4.00	07/07/2011	ND	448	112	400	0.00		

Sample ID: NORTH WALL #8 (H101393-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	530	4.00	07/07/2011	ND	448	112	400	0.00	

Sample ID: NORTH WALL #9 (H101393-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	530	4.00	07/07/2011	ND	448	112	400	0.00		

Sample ID: W. POOLING AREA -W. WALL #1 (H101393-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	60.0	4.00	07/07/2011	ND	448	112	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 07/06/2011
Reported: 07/07/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 07/05/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: W POOLING AREA - W WALL #2 (H101393-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	810	4.00	07/07/2011	ND	448	112	400	0.00	

Sample ID: N WALL #10 (H101393-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	970	4.00	07/07/2011	ND	448	112	400	0.00	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Cardinal Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Basin Environmental Service Technologies, LLC		BILL TO		ANALYSIS REQUEST															
Project Manager: Ben J. Arguilljo		P.O. #:																	
Address: P.O. Box 301		Company: Basin Env.																	
City: Lovington		Attn:																	
State: NM Zip: 88260		Address:																	
Phone #: (575) 396-2378		City:																	
Project #:		State: Zip:																	
Project Name: WA Simpson		Phone #:																	
Project Location: Lea Co., NM		Fax #:																	
Sampler Name: Bobby Blackwood																			
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	DATE	TIME													
H101399	1 North Wall #7	GROUNDWATER	X		7/5/11	0830	X												
	2 North Wall #8	SOIL				0900													
	3 North Wall #9	SLUDGE				0915													
	4 W. Pooling Area - N. Wall #1	OTHER: ICE / COOL				0915													
	5 W. Pooling Area - N. Wall #2	OTHER: ACID/BASE				1145													
	6 North Wall #10	OTHER:				1200													

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Relinquished By: <i>Bobby Blackwood</i>	Date: 7-4-11	Received By: <i>Smia Blackwood</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>Bobby Blackwood</i>	Time: 1:26pm	Received By: <i>Smia Blackwood</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date: 7/6/11	Time: 1:15	REMARKS:	
Sampler - UPS - Bus - Other:	Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact Checked By: <i>Smia Blackwood</i> Initials: <i>JB</i>			

Please email results to pm@basinenv.com
& kbracey@legacy-p.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505.393-2476

September 19, 2011

BEN J. ARGUIJO

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: WA SIMPSON

Enclosed are the results of analyses for samples received by the laboratory on 08/30/11 16:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-1 @ 15' (H101846-01)

BTX 8021B		mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	616	4.00	09/01/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	<10.0	10.0	09/02/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/02/2011	ND					

Surrogate: 1-Chlorooctane 91.3 % 55.5-154

Surrogate: 1-Chlorooctadecane 92.9 % 57.6-158

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-1 @ 25' (H101846-02)

BTEX 8021B			mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191		
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527		
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738		
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494		

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 64.4-134

Chloride, SM4500Cl-B			mg/kg				Analyzed By: HM		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	142	4.00	09/01/2011	ND	432	108	400	0.00	

TPH 8015M			mg/kg				Analyzed By: ab		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	<10.0	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					


Surrogate: 1-Chlorooctane 95.9 % 55.5-154

Surrogate: 1-Chlorooctadecane 93.6 % 57.6-158

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Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-1 @ 30' (H101846-03)

BTX 8021B		mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	4.00	09/01/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	<10.0	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 101 % 55.5-154

Surrogate: 1-Chlorooctadecane 106 % 57.6-158

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Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-2 @ 15' (H101846-04)

BTX 8021B		mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	4.00	09/01/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	<10.0	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 90.5 % 55.5-154

Surrogate: 1-Chlorooctadecane 95.4 % 57.6-158

Sample ID: SB-2 @ 25' (H101846-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	600	4.00	09/01/2011	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-2 @ 35' (H101846-06)

BTEx 8021B		mg/kg	Analyzed By: CMS					I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PII) 109 % 64.4-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	426	4.00	09/01/2011	ND	432	108	400	0.00	
TPH 8015M		mg/kg	Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	54.7	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 97.7 % 55.5-154

Surrogate: 1-Chlorooctadecane 96.9 % 57.6-158

Sample ID: SB-2 @ 45' (H101846-07)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	328	4.00	09/01/2011	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-2 @ 55' (H101846-08)

BTEX 8021B		mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	280	4.00	09/01/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	59.7	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 97.1 % 55.5-154

Surrogate: 1-Chlorooctadecane 102 % 57.6-158

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*=Accredited Analyte

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Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-2 @ 60' (H101846-09)

BTX 8021B		mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 64.4-134

Chloride, SM4500C1-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	168	4.00	09/01/2011	ND	432	108	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	<10.0	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 92.2 % 55.5-154

Surrogate: 1-Chlorooctadecane 106 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-3 @ 10' (H101846-10)

BTX 8021B		mg/kg	Analyzed By: CMS					I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 64.4-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	650	4.00	09/01/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	<10.0	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 98.7 % 55.5-154

Surrogate: 1-Chlorooctadecane 106 % 57.6-158

Sample ID: SB-3 @ 20' (H101846-11)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	4.00	09/01/2011	ND	432	108	400	0.00	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Basin Environmental Service
BEN J. ARGUIJO
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received: 08/30/2011
Reported: 09/19/2011
Project Name: WA SIMPSON
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 08/29/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SB-3 @ 30' (H101846-12)

BTX 8021B		mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	188	4.00	09/01/2011	ND	448	112	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	<10.0	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 101 % 55.5-154

Surrogate: 1-Chlorooctadecane 106 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 BEN J. ARGUIJO
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

 Received: 08/30/2011
 Reported: 09/19/2011
 Project Name: WA SIMPSON
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 08/29/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SB-3 @ 35' (H101846-13)

BTX 8021B		mg/kg		Analyzed By: CMS				I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2011	ND	2.31	116	2.00	0.191	
Toluene*	<0.050	0.050	09/16/2011	ND	2.20	110	2.00	0.527	
Ethylbenzene*	<0.050	0.050	09/16/2011	ND	2.21	110	2.00	0.738	
Total Xylenes*	<0.150	0.150	09/16/2011	ND	6.59	110	6.00	0.494	

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	104	4.00	09/01/2011	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2011	ND	169	84.3	200	0.818	
DRO >C10-C28	11.7	10.0	09/03/2011	ND	171	85.5	200	2.57	
EXT DRO >C28-C35	<10.0	10.0	09/03/2011	ND					

Surrogate: 1-Chlorooctane 99.9 % 55.5-154

Surrogate: 1-Chlorooctadecane 103 % 57.6-158

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

I-02	This result was analyzed outside of the EPA recommended holding time.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

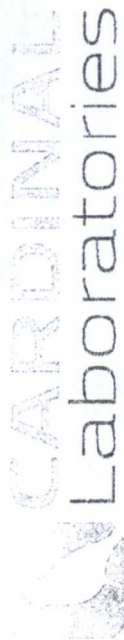
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO		ANALYSIS REQUEST									
Company Name: Basin Environmental Service Technologies, LLC		P.O. #:		Company: Basin Env.							
Project Manager: Ben J. Arguijo		City: Lovington		State: NM		Zip: 88260		Attn:			
Address: P.O. Box 301		Phone #: (575) 396-2378		Fax #: (575) 396-1429		Project Owner: Legacy Reserves, LP		City:			
Project Name: WA Simpson		State:		Zip:		Phone #:		Fax #:			
Project Location: Lea Co., NM		Matrix:		Preserv.		Sampling					
Sampler Name: Ben J. Arguijo Ben J. Arguijo		# CONTAINERS		(G) RAB OR (C) OMP		GROUNDWATER		WASTEWATER		SLUDGE	
Lab I.D.		Sample I.D.				OTHER:		ACID/BASE:		ICE / COOL	
						OTHER:					
H1018410	1	SB-1 @ 15'	6	1	X	8/29/11	1005	X	X	8015 M	
	2	SB-1 @ 25'					1015	X	X		
	3	SB-1 @ 30'					1020	X	X		
	4	SB-2 @ 15'					1050	X	X		
	5	SB-2 @ 25'					1100	X	X		
	6	SB-2 @ 35'					1110	X	X		
	7	SB-2 @ 45'					1305	X	X		
	8	SB-2 @ 55'					1315	X	X		
	9	SB-2 @ 60'					1320	X	X		

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Relinquished By:	Date: 8/30/11	Time: 1600	Received By:	Date: 8/30/11	Time: 1645
Relinquished By:	Date: 8/30/11	Time: 1600	Received By:	Date: 8/30/11	Time: 1645
Delivered By: (Circle One)	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY:		
Sampler - UPS - Bus - Other:		50		50	
Remarks: Chloride - 1:1 titration RUN TPH, hold for BTEX Please email results to pmebasine@v.com & kbracey@legacyip.com					

Laboratories

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476