District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Southern Union Gas Services	Contact: Rachel Johnson
Address: 801 S. Loop 464, Monahans, TX 79756	Telephone No.: 325.514.2636
Facility Name 6 Inch Lateral (Chicken Farm)	Facility Type: Natural Gas Pipeline

Surface Owner: Claude Kizzar	Mineral Owner	API No. 30-025-28822

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	21	23S	37E					Lea

Latitude 32 degrees 06' 59.98" **Longitude** 103 degrees 10' 25.15"

NATURE OF RELEASE

Type of Release: Natural Gas, Crude Oil and Produced Water	Volume of Release: > 5 bbls	Volume Recovered: None
Source of Release: 6-inch steel pipeline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery November 30, 2012 – 0530 hours
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

HOBBS OCD
AUG 23 2013
RECEIVED

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken. A D-6 Caterpillar Bulldozer operated by a 3rd Party struck a 6-Inch steel pipeline, slip-lined with 4-Inch poly pipe. The resulting release did not cause any fire, injury or property damage. The pipeline was shut-in, repairs were completed and the pipeline was placed back in service.

Describe Area Affected and Cleanup Action Taken.* This release was initially deemed non-reportable to the NMOCD. During remediation activities, Southern Union opted to reclassify this release as a reportable release, due to the depth of impact. The area was excavated, soil samples were collected from the excavated areas and stockpiled soil was transported for disposal to Sundance Services in Eunice, New Mexico. The soil samples were submitted to the laboratory for benzene, BTEX, TPH and chloride analysis. Laboratory analytical results indicated benzene, BTEX, TPH and chloride concentrations were remediated to levels acceptable to the NMOCD. The excavated areas were backfilled with locally purchased caliche and the site was restored to original conditions. Please reference NOVA Safety and Environmental Remediation Summary and Site Closure Request dated July 2013, for further details.

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: Rhonda Little for	OIL CONSERVATION DIVISION	
Printed Name: Rachel Johnson	Approved by Environmental Specialist: Shelley Tekinos	
Title: Environmental Specialist	Approval Date: 08/30/13	Expiration Date: —
E-mail Address: Rachel.johnson@regencygas.com	Conditions of Approval: —	Attached ☐ 1RP-1-13-2900
Date:8/23/2013 Phone: 325.514.2636		

* Attach Additional Sheets If Necessary

SEP 04 2013

REMEDIATION SUMMARY

AND SITE

CLOSURE REQUEST

Southern Union Gas Services
Chicken Farm 6 Inch Lateral Release
Lea County, New Mexico
UNIT LTR "E" (SW ¼ /NW ¼), Section 21, Township 25 South, Range 37 East
Latitude 32° 06' 59.98" North, Longitude 103° 10' 25.15" West
NMOCD Reference # 1RP-1-13-2900

NOVA
safety and environmental

Prepared For:

Southern Union Gas Services
801 South Loop 464
Monahans, Texas 79756

Prepared By:

NOVA Safety & Environmental
2057 Commerce
Midland, Texas 79703

July 2013

Rebecca Haskell for
Jonathan P. Repman
Project Manager

Brittan K. Byerly, P.G.
President

HOBBS OCD

AUG 2 3 2013

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1.0 INTRODUCTION

Nova Safety & Environmental (NOVA), on behalf of Southern Union Gas Services (SUGS), has prepared this Remediation Summary and Site Closure Request for the release site known as Chicken Farm 6 Inch Lateral. The legal description of the release site is Unit Letter "E" (SW ¼ NW ¼), Section 21, Township 25 South, Range 37 East, in Lea County, New Mexico. The property affected by the release is owned by Mr. Claude Kizzar. The release site GPS coordinates are 32° 06' 59.98" North and 103° 10' 25.15" West. Please reference Figure 1 for a Site Location Map and Figure 2 for a Site Details Schematic and Confirmation Soil Sample Locations Map. The Release Notification and Corrective Action (Form C-141) is provided as Appendix D.

On November 30, 2012, SUGS discovered a release of crude oil, natural gas and produced water had occurred from a six (6) inch steel pipeline, slip-lined with a four (4) inch poly pipe. The cause of the release was due to a third party line strike with a D-6 Caterpillar Bulldozer while mining caliche. The release occurred on the northern outer edge of a caliche pit and flowed down gradient to a geographically low area where caliche mining was ceased due to the induration of the caliche. Upon excavation it was apparent the increase in hardness was due to siliceous caliche measuring approximately three (3) feet in thickness in which no fracturing was observed. The initial flow path observed on the surface measured approximately one hundred forty-five (145) feet south of the release point with a maximum width of thirty (30) feet. The SUGS release was not observed to the north of the six (6) inch line due to the slope of the ground surface. In addition, a stock pile of top soil, piled by the third party during excavation activities, was also piled to the north of the line approximately one foot north of the line strike. The third party stock pile measured to be approximately sixty (60) feet east to west and eight (8) feet north to south with a maximum height of five (5) feet. During initial response activities, SUGS shut in the pipeline, removed approximately forty (40) feet of steel pipe, and used a four (4) inch poly line to complete repairs. SUGS submitted the Release Notification and Corrective Action (Form C-141) to the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office on January 11, 2013. The C-141 indicated approximately greater than five (>5) barrels of fluids were released from the pipeline, with no recovery. General photographs of the site are provided as Appendix B.

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Office of the State Engineer (NMOSE) database did not identify the average depth to groundwater information for Section 21, Township 25 South, Range 37 East. A reference map utilized by the NMOCD indicated depth to groundwater at the release site should be encountered at approximately eighty (80) feet below ground surface (bgs). The depth to groundwater at the Chicken Farm 6 Inch Lateral Release Site results in a score of ten (10) points being assigned to the site, based on the NMOCD depth to groundwater criteria.

The water well database, maintained by the NMOSE, indicated there are no water wells less than 1,000 feet from the release, resulting in zero (0) points being assigned to this site as a result of this criteria.

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

The NMOCD guidelines indicate the Chicken Farm 6 Inch Lateral Release Site has ranking score of ten (10). Based on this score, the soil remediation levels for a site with a ranking score of ten (10) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 1,000 mg/Kg (ppm)

The NMOCD chloride cleanup level concentrations are site specific and will be determined by the NMOCD Hobbs District Office.

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On December 6, 2012, Nova, at the request of SUGS, commenced remediation activities at the Chicken Farm 6 Inch Lateral Release Site. Excavated soil was stockpiled on-site pending final disposition. The excavation of impacted soil was completed on February 14, 2013. Approximately 3,136 cubic yards of soil was stockpiled on-site during excavation activities. The final dimensions of the excavation were approximately one hundred seventy-two (172) feet in length, ranged from approximately four (4) feet to seventy-two (72) feet in width and ranged from approximately seven (7) feet to twenty-six (26) feet in depth. Please reference Figure 2 for site details.

On December 13, 2012, four (4) soil samples (S/W-1 @ 6 ft, E/W-1 @ 6 ft, W/W-1 @ 6 ft, and BH-1 @ 7 ft) were collected from the excavation. The soil samples were submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX and TPH concentrations were less than the appropriate laboratory MDL for the four soil samples listed above. Chloride concentrations ranged from 4.93 mg/Kg for soil sample W/W-1 @ 6 ft to 258 mg/Kg for soil sample S/W-1 @ 6 ft. A review of the laboratory analytical results indicated benzene, BTEX, TPH, and chloride concentrations were less than the NMOCD regulatory guidelines for all submitted soil samples, with the exception of soil sample S/W-1 @ 6 ft which exceeded regulatory guidelines for chloride concentrations. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

On December 28, 2012, three (3) soil samples (BH-2 @ 8 ft, W/W-2 @ 7 ft, and E/W-2 @ 7 ft) were collected from the excavation. The soil samples were submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX and TPH concentrations were less than the appropriate laboratory MDL for the three soil samples listed above. Chloride concentrations ranged from 28.6 mg/Kg for soil sample W/W-2 @ 7 ft to 169 mg/Kg for soil sample E/W-2 @ 7 ft. A review of the laboratory analytical results indicated benzene, BTEX, TPH, and chloride concentrations were less than the NMOCD regulatory guidelines for the submitted soil samples. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Please reference Figure 2 for soil sample locations. Laboratory analytical reports are provided as Appendix A.

On January 07, 2013, one (1) soil sample (S/W-1A @ 6') was collected from the excavation and submitted to the laboratory for chloride analysis. Laboratory analytical results indicated chloride concentrations of 110 mg/Kg for soil sample S/W-1A @ 6'. A review of laboratory analytical results indicated chloride concentrations less than the NMOCD regulatory guidelines for soil sample (S/W-1A @ 6'). Please reference Figure 2 for soil sample locations. Laboratory analytical reports are provided as Appendix A.

On January 15, 2013, one (1) soil sample (E/W-3 @ 13 ft) was collected from the excavation. The soil sample was submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX concentrations were less than the appropriate laboratory MDL. Laboratory analytical results indicated TPH concentrations of 28.0 mg/Kg. Laboratory analytical results indicated chloride concentrations of 286 mg/Kg. A review of the laboratory analytical results indicated BTEX and TPH concentrations were less than the NMOCD regulatory guidelines for the submitted soil samples. A review of the laboratory analytical results indicated chloride concentrations were above the NMOCD regulatory guidelines for the submitted soil samples. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

On January 16, 2013, three (3) soil samples (RP - North @ 5 ft, RP - North @ 7 ft, and RP - North @ 10 ft) were collected from the excavation. The soil samples were submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX and TPH concentrations were less than the appropriate laboratory MDL for the submitted soil samples. Chloride concentrations ranged from 269 mg/Kg for soil sample RP - North @ 10 ft to 488 mg/Kg for soil sample RP - North @ 7 ft. A review of the laboratory analytical results indicated BTEX and TPH concentrations were less than the NMOCD regulatory guidelines for the submitted soil samples. A review of the laboratory analytical results indicated chloride concentrations were above the NMOCD regulatory guidelines for the submitted soil samples. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

In addition, six (6) test trench soil samples (TT-1 @ 1', TT-1 @ 2', TT-2 @ 1', TT-3 @ 1', TT-4 @ 1', and TT-5 @ 2') were collected from the area north of the excavation and submitted to the laboratory for chloride analysis to determine future delineation to the north of the release point. Laboratory analytical results indicated chloride concentrations ranged from 38.2 mg/Kg for soil sample TT-3 @ 1' to 2040 mg/Kg for soil sample TT-1 @ 2'. A review of laboratory analytical results indicated chloride concentrations less than the NMOCD regulatory guidelines for soil samples (TT-1 @ 1' and TT-3 @ 1'). Please reference Figure 2 for soil sample locations. Laboratory analytical reports are provided as Appendix A.

On January 23, 2013, SUGS and NOVA representatives met with an NMOCD Hobbs District Office representative to present the results of the soil sampling event and discuss a possible leak source from the north where it appeared a damaged water leg from a tank battery had been disposing of separated water toward the release point of the six (6) inch lateral line owned by SUGS. It was brought to the attention of the NMOCD Hobbs District Office representative the

release areas may have comingled and chloride concentrations below 250 mg/Kg may not be obtained, as the magnitude of the release of produced water from the area to the north of the six (6) Inch Lateral Line is unknown. The NMOCD representative indicated, based on field chloride tests, further delineation on RP – South and RP – North was needed until further delineation results determined otherwise.

On January 24, 2013, three (3) soil samples (BH-A @ 7', E/W-A @ 6', and W/W-1 @ 6') were collected from the excavation and submitted to the laboratory for chloride analysis. Laboratory analytical results indicated chloride concentrations ranged from 4.84 mg/Kg for soil sample W/W-1 @ 6' to 12.7 mg/Kg for soil sample BH-A @ 7'. A review of laboratory analytical results indicated chloride concentrations less than the NMOCD regulatory guidelines for the submitted soil samples. Please reference Figure 2 for soil sample locations. Laboratory analytical reports are provided as Appendix A.

In addition, on January 24, 2013, one (1) side wall soil sample (E/W-4 @ 9') was collected from the RP-North trench. The soil sample was submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. Laboratory analytical results indicated benzene and toluene concentrations were less than the appropriate laboratory MDL. Laboratory analytical results indicated ethyl-benzene concentrations of 0.00693 mg/Kg. Laboratory analytical results indicated total xylene concentrations of 0.01812 mg/Kg. Laboratory analytical results indicated TPH concentrations of 110.6 mg/Kg. Laboratory analytical results indicated chloride concentrations of 112 mg/Kg.

On January 25, 2013, two (2) soil samples (RP-South @ 26' and WT-1 @ 13') were collected from the excavation. The soil samples were submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX and TPH concentrations were less than the appropriate laboratory MDL for the submitted soil samples. Chloride concentrations ranged from 159 mg/Kg for soil sample WT-1 @ 13' to 278 mg/Kg for soil sample RP-South @ 26'. A review of the laboratory analytical results indicated BTEX and TPH concentrations were less than the NMOCD regulatory guidelines for the submitted samples. A review of the laboratory analytical results indicated chloride concentrations were less than the NMOCD regulatory guidelines for soil sample WT-1 @ 13'. A review of the laboratory analytical results indicated chloride concentrations were above the NMOCD regulatory guidelines for soil sample RP-South @ 26'. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

On January 28, 2013, two (2) soil samples (WT - 1 @ 13' and NT-2 @ 13') were collected from the excavation. The soil samples were submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX and TPH concentrations were less than the appropriate laboratory MDL for the submitted soil samples. Chloride concentrations ranged from 58.9 mg/Kg for soil sample NT-2 @ 13' to 69.5 mg/Kg for soil sample WT-1 @ 13'. A review of the laboratory analytical results indicated BTEX, TPH, and chloride concentrations were less than the NMOCD

regulatory guidelines for the submitted soil samples. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

On January 29, 2013, one (1) soil sample (ET - 1 @ 13') was collected from the excavation. The soil sample was submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX and TPH concentrations were less than the appropriate laboratory MDL for the submitted soil samples. Laboratory analytical results indicated chloride concentrations of 282 mg/Kg. A review of the laboratory analytical results indicated BTEX and TPH were less than the NMOCD regulatory guidelines for the submitted soil samples. A review of the laboratory analytical results indicated chloride concentrations were above the NMOCD regulatory guidelines for the submitted soil sample. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

On February 4, 2013, SUGS and NOVA representatives met with an NMOCD Hobbs District Office representative to present the results of the soil sampling event, and request permission to backfill the excavation. The NMOCD representative verbally granted SUGS approval for site closure based on a review of the results from chloride field tests and laboratory analytical results.

Chloride field test were used to determine chloride concentrations throughout the excavation process. The field test procedure uses a 1:4 ratio of homogenized soil from the sample area mixed with deionized/distilled water. Samples are filtered to prevent solids from blocking the flow of water into the chloride titration test strips. Chloride concentrations are determined using Hach brand Quantab Titrators for Chlorides (Low Range). Chloride field tests give an approximation of the chloride levels found in soil samples and are used to determine delineation during excavation activities.

On February 12, 2013, one (1) soil sample (W/W - 3 @ 13') was collected from the excavation. The soil samples were submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH), and chlorides using EPA SW-846 8021B, SW-846 8015M, and E 300, respectively. BTEX concentrations were less than the appropriate laboratory MDL for the submitted soil samples. Analytical results indicated TPH concentrations of 64.4 mg/Kg. Analytical results indicated chloride concentrations of 169 mg/Kg for soil sample W/W-3 @ 13'. A review of the laboratory analytical results indicated BTEX, TPH, and chloride concentrations were less than the NMOCD regulatory guidelines for the submitted soil sample. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

On February 13, 2013, one (1) soil sample (ET-1A @ 13') was collected from the excavation. The soil samples were submitted to the laboratory for determination of concentrations of chlorides using method E 300. Analytical results indicated chloride concentrations of 51.1 mg/Kg for soil sample ET-1A @ 13'. A review of the laboratory analytical results indicated chloride concentrations were less than the NMOCD regulatory guidelines for the submitted soil sample. Table 1 summarizes the Concentrations of BTEX, TPH and Chlorides in Soil. Laboratory analytical reports are provided as Appendix A.

Between the dates of February 7, 2013 and February 12, 2013 a total of approximately 3,136 cubic yards of soil was transported to Sundance Services, Inc. (NMOCD Permit # 01-0003) for disposal. Between the dates of February 12, 2013 and February 15, 2013 the excavation was backfilled with locally obtained non-impacted soil. On completion of backfilling activities the impacted area was contoured to fit the surrounding topography. Manifests documenting soil disposal are provided as Appendix C.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil Samples were delivered to Permian Basin Environmental Lab, LP., of Midland, Texas for BTEX and/or TPH and/or chloride analyses using the methods described below. Soil samples were analyzed for BTEX and/or TPH and/or chloride concentrations within fourteen (14) days following the sampling event.

The soil samples were analyzed as follows:

- BTEX concentrations in accordance with EPA Method 8021B, 5030
- TPH concentrations in accordance with modified EPA Method 8015M GRO/DRO
- Chloride concentration in accordance with Method E 300.

4.2 Laboratory Protocol

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody (COC) form. These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

5.0 SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples, NOVA recommends SUGS provide the NMOCD a copy of this Remediation Summary and Site Closure Request and request the NMOCD grant closure to the Chicken Farm 6 Inch Lateral Release Site.

6.0 LIMITATIONS

NOVA Safety and Environmental has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA Safety and Environmental has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA Safety and Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA Safety and Environmental has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA Safety and Environmental also notes that the facts and conditions referenced in this report may change over time and the

conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Southern Union Gas Services. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA Safety and Environmental and/or Southern Union Gas Services.

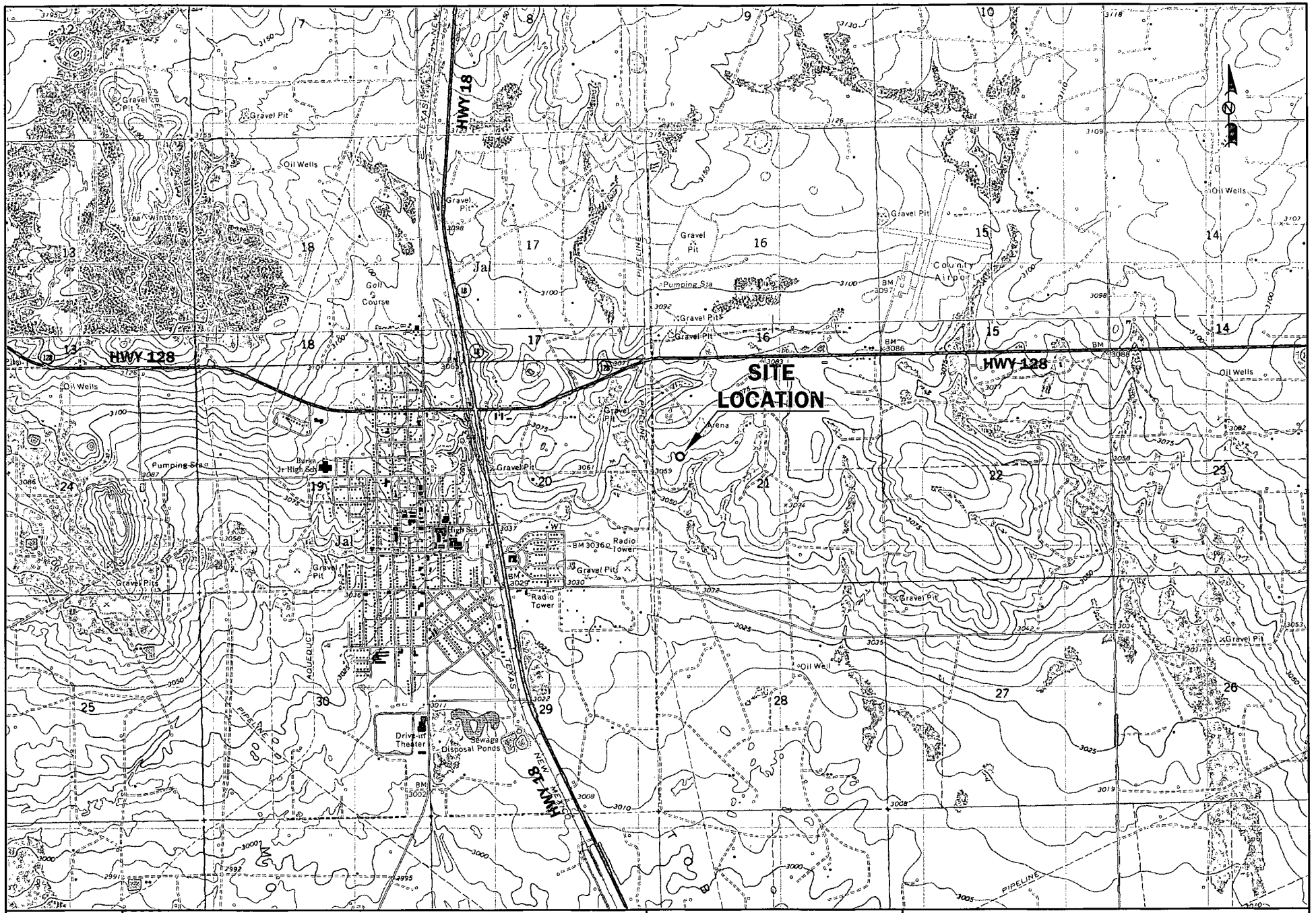
7.0 DISTRIBUTION:

Copy 1: Geoffrey Leking
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 2: Jacob Krautsch
Southern Union Gas Services
301 Commerce St., Suite 700
Fort Worth, Texas 76102

Copy 3: Nova Safety & Environmental
2057 Commerce Street
Midland, Texas 79703

Figures



Legend:

Mapped edited and Published by the Geological Survey Control by USGS & USC & GS

Map Re-edited by Nova Safety and Environmental for the purpose of Site Location Maps.

Planimetry by Photogrammetric methods from aerial Photographs taken 1958. Topography by Planetabe Surveys 1961.

Fine red dashed lines indicate selected fence lines.

This map Complies with National Map Accuracy Standards

3000 1500 0 1500 3000

Distance in Feet

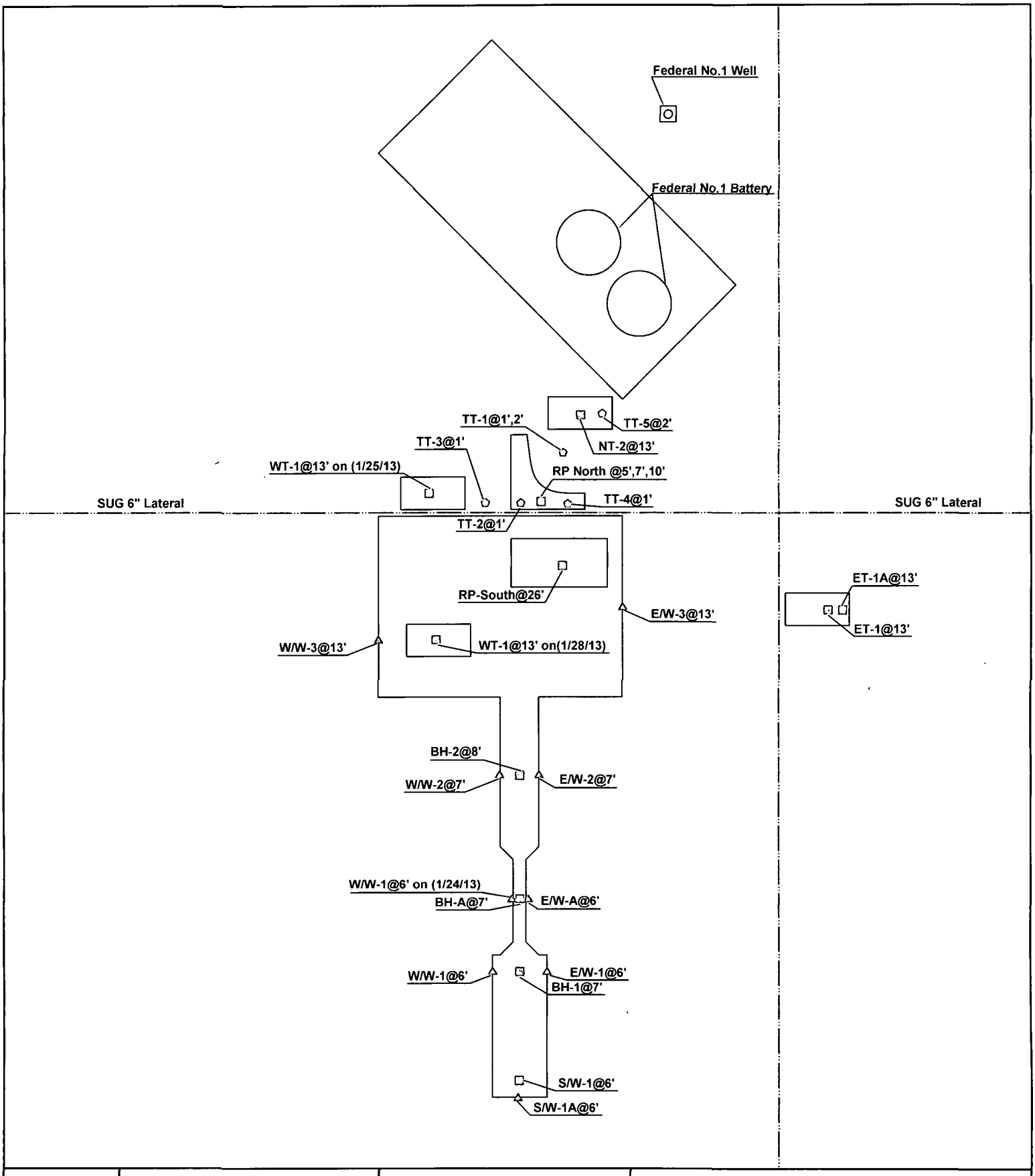
Figure 1
Site Location Map
Southern Union Gas Service
Chicken Farm 6 Inch Lateral
Lea County, NM
1RP-2900

NOVA safety and environmental

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

April 3, 2013	Scale: 1" - 3000'	CAD By: CAS	Checked By:
Lat. N 32° 6' 59.98"	Long. W 103° 10' 25.15		



Legend:

- Sidewall Soil Sample Location
- Floor Soil Sample Location
- Trench Sample
- SUG Pipeline
- Plains Pipeline

Figure 2
Site Detail & Soil Sample Location Map
Southern Union Gas Service
Chicken Farm 6 Inch Lateral
Lea County, NM
1RP-2900

NOVA safety and environmental

2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

April 16, 2013	Scale: 1" - 40'	CAD By: CAS	Checked By:

Lat. N 32° 6' 59.98" Long. W 103° 10' 25.15

Tables

TABLE 1

CONCENTRATIONS OF BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
CHICKEN FARM 6 INCH LATERAL RELEASE SITE
LEA COUNTY, NEW MEXICO
1RP-1-13-2900

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b						METHOD: SW 8015M				E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
S/W-1 @ 6 ft	12/13/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.3	<26.3	<26.3	<26.3	**258**
E/W-1 @ 6 ft	12/13/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	35.9
W/W-1 @ 6 ft	12/13/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.3	4.93
BH-1 @ 7 ft	12/13/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.8	5.65
BH-2 @ 8ft	12/28/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.3	89.2
W/W-2 @ 7ft	12/28/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.3	28.6
E/W-2 @ 7ft	12/28/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	169
S/W-1A @ 6'	01/07/13	-	-	-	-	-	-	-	-	-	-	110
E/W-3 @ 13ft	01/15/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.8	28.0	<27.8	28.0	286
RP-North @ 5ft	01/16/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<28.7	<28.7	<28.7	<28.7	386
RP-North @ 7ft	01/16/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	488
RP-North @ 10ft	01/16/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.3	<26.3	<26.3	<26.3	269
TT-1 @ 1'	01/16/13	-	-	-	-	-	-	-	-	-	-	74.5
TT-1 @ 2'	01/16/13	-	-	-	-	-	-	-	-	-	-	2040
TT-2 @ 1'	01/16/13	-	-	-	-	-	-	-	-	-	-	260
TT-3 @ 1'	01/16/13	-	-	-	-	-	-	-	-	-	-	38.2
TT-4 @ 1'	01/16/13	-	-	-	-	-	-	-	-	-	-	1010
TT-5 @ 2'	01/16/13	-	-	-	-	-	-	-	-	-	-	264
BH-A @ 7'	01/24/13	-	-	-	-	-	-	-	-	-	-	12.7
E/W-A @ 6'	01/24/13	-	-	-	-	-	-	-	-	-	-	12.3
W/W-1 @ 6'	01/24/13	-	-	-	-	-	-	-	-	-	-	4.84
E/W-4 @ 9'	01/24/13	<0.00100	<0.00200	0.00693	0.0131	0.00502	0.02505	<26.3	64.3	46.3	110.6	112
RP-South @ 26'	01/25/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.2	<27.2	<27.2	<27.2	278
WT-1 @ 13'	01/25/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	159
WT-1 @ 13'	01/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.8	69.5
NT-2 @ 13'	01/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	58.9

TABLE 1

CONCENTRATIONS OF BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
CHICKEN FARM 6 INCH LATERAL RELEASE SITE
LEA COUNTY, NEW MEXICO
1RP-1-13-2900

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b						METHOD: SW 8015M				E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
ET-1 @ 13'	01/29/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<32.9	<32.9	<32.9	<32.9	282
W/W-3 @ 13'	02/12/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.3	64.4	<26.3	64.4	169
ET-1A @ 13'	02/13/13	-	-	-	-	-	-	-	-	-	-	51.1

Appendix A
Analytical Reports

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea County, New Mexico

Lab Order Number: 2L14007

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 12/17/12

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S/W-1 @ 6 ft	2L14007-01	Soil	12/13/12 09:55	12-14-2012 13:20
E/W-1 @ 6 ft	2L14007-02	Soil	12/13/12 10:00	12-14-2012 13:20
W/W-1 @ 6 ft	2L14007-03	Soil	12/13/12 10:05	12-14-2012 13:20
BH-1 @ 7 ft	2L14007-04	Soil	12/13/12 10:10	12-14-2012 13:20

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

S/W-1 @ 6 ft

2L14007-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*118 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**258**	1.05	mg/kg dry	1	EL21705	12/17/12	12/17/12	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	EL21701	12/14/12	12/17/12	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C12-C28	ND	26.3	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C28-C35	ND	26.3	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
Surrogate: 1-Chlorooctane		*79.4 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	12/14/12	12/14/12	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

E/W-1 @ 6 ft

2L14007-02 (Soil)

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*118 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**35.9**	1.02	mg/kg dry	1	EL21705	12/17/12	12/17/12	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	EL21701	12/14/12	12/17/12	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C12-C28	ND	25.5	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C28-C35	ND	25.5	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	12/14/12	12/14/12	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

W/W-1 @ 6 ft

2L14007-03 (Soil)

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*118 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.93**	1.01	mg/kg dry	1	EL21705	12/17/12	12/17/12	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	EL21701	12/14/12	12/17/12	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C12-C28	ND	25.3	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C28-C35	ND	25.3	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
Surrogate: 1-Chlorooctane		*77.9 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	12/14/12	12/14/12	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

BH-1 @ 7 ft

2L14007-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EL21703	12/14/12	12/14/12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*118 %*	*75-125*		*EL21703*	*12/14/12*	*12/14/12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.65**	1.03	mg/kg dry	1	EL21705	12/17/12	12/17/12	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	EL21701	12/14/12	12/17/12	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C12-C28	ND	25.8	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
>C28-C35	ND	25.8	mg/kg dry	1	EL21702	12/14/12	12/14/12	8015M	
Surrogate: 1-Chlorooctane		*77.0 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*EL21702*	*12/14/12*	*12/14/12*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	12/14/12	12/14/12	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL21703 - General Preparation (GC)										
Blank (EL21703-BLK1)				Prepared & Analyzed: 12/14/12						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*63.5*		*ug/kg*	*60.0*		*106*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*76.6*		"	*60.0*		*128*	*75-125*			*S-09*
LCS (EL21703-BS1)				Prepared & Analyzed: 12/14/12						
Benzene	0.0946	0.00100	mg/kg wet	0.100		94.6	80-120			
Toluene	0.0994	0.00200	"	0.100		99.4	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100		97.4	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0920	0.00100	"	0.100		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	*64.9*		*ug/kg*	*60.0*		*108*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*63.2*		"	*60.0*		*105*	*75-125*			
LCS Dup (EL21703-BSD1)				Prepared & Analyzed: 12/14/12						
Benzene	0.0962	0.00100	mg/kg wet	0.100		96.2	80-120	1.67	20	
Toluene	0.102	0.00200	"	0.100		102	80-120	2.72	20	
Ethylbenzene	0.0999	0.00100	"	0.100		99.9	80-120	2.59	20	
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120	2.90	20	
Xylene (o)	0.0949	0.00100	"	0.100		94.9	80-120	3.03	20	
Surrogate: 1,4-Difluorobenzene	*65.4*		*ug/kg*	*60.0*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*65.9*		"	*60.0*		*110*	*75-125*			
Matrix Spike (EL21703-MS1)		**Source: 2L14001-01**		Prepared & Analyzed: 12/14/12						
Benzene	0.0405	0.00100	mg/kg dry	0.102	ND	39.7	80-120			QM-05
Toluene	0.0533	0.00200	"	0.102	ND	52.3	80-120			QM-05
Ethylbenzene	0.0598	0.00100	"	0.102	ND	58.6	80-120			QM-05
Xylene (p/m)	0.122	0.00200	"	0.204	ND	59.7	80-120			QM-05
Xylene (o)	0.0596	0.00100	"	0.102	ND	58.4	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*62.4*		*ug/kg*	*60.0*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*69.1*		"	*60.0*		*115*	*75-125*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL21703 - General Preparation (GC)										
Matrix Spike Dup (EL21703-MSD1)	**Source: 2L14001-01**			Prepared & Analyzed: 12/14/12						
Benzene	0.0351	0.00100	mg/kg dry	0.102	ND	34.4	80-120	14.2	20	QM-05
Toluene	0.0466	0.00200	"	0.102	ND	45.7	80-120	13.5	20	QM-05
Ethylbenzene	0.0534	0.00100	"	0.102	ND	52.3	80-120	11.3	20	QM-05
Xylene (p/m)	0.108	0.00200	"	0.204	ND	53.0	80-120	11.9	20	QM-05
Xylene (o)	0.0538	0.00100	"	0.102	ND	52.7	80-120	10.3	20	QM-05
Surrogate: 1,4-Difluorobenzene	*62.6*		*ug/kg*	*60.0*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*68.8*		*"*	*60.0*		*115*	*75-125*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL21701 - * DEFAULT PREP *** **										
Blank (EL21701-BLK1)				Prepared: 12/14/12 Analyzed: 12/17/12						
% Moisture	ND	0.1	%							
Duplicate (EL21701-DUP1)		Source: 2L13001-01		Prepared: 12/14/12 Analyzed: 12/17/12						
% Moisture	10.0	0.1	%		11.0			9.52	20	
Batch EL21705 - * DEFAULT PREP *** **										
Blank (EL21705-BLK1)				Prepared & Analyzed: 12/17/12						
Chloride	ND	1.00	mg/kg wet							
LCS (EL21705-BS1)				Prepared & Analyzed: 12/17/12						
Chloride	10.2		mg/kg Wet	10.0		102	80-120			
LCS Dup (EL21705-BSD1)				Prepared & Analyzed: 12/17/12						
Chloride	10.1		mg/kg Wet	10.0		101	80-120	1.14	20	
Duplicate (EL21705-DUP1)		Source: 2L14007-01		Prepared & Analyzed: 12/17/12						
Chloride	258	1.05	mg/kg dry		258			0.0899	20	
Matrix Spike (EL21705-MS1)		Source: 2L14007-01		Prepared & Analyzed: 12/17/12						
Chloride	377	1.05	mg/kg dry	105	258	114	80-120			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL21702 - 8015M										
Blank (EL21702-BLK1)				Prepared & Analyzed: 12/14/12						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*67.1*		"	*100*		*67.1*	*70-130*			*S-GC*
Surrogate: o-Terphenyl	*43.5*		"	*50.0*		*87.1*	*70-130*			
LCS (EL21702-BS1)				Prepared & Analyzed: 12/14/12						
C6-C12	842	25.0	mg/kg wet	1000		84.2	75-125			
>C12-C28	824	25.0	"	1000		82.4	75-125			
>C28-C35	ND	25.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	*70.8*		"	*100*		*70.8*	*70-130*			
Surrogate: o-Terphenyl	*40.2*		"	*50.0*		*80.3*	*70-130*			
LCS Dup (EL21702-BSD1)				Prepared & Analyzed: 12/14/12						
C6-C12	853	25.0	mg/kg wet	1000		85.3	75-125	1.38	20	
>C12-C28	823	25.0	"	1000		82.3	75-125	0.128	20	
>C28-C35	ND	25.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	*72.0*		"	*100*		*72.0*	*70-130*			
Surrogate: o-Terphenyl	*39.9*		"	*50.0*		*79.8*	*70-130*			
Matrix Spike (EL21702-MS1)	**Source: 2L14001-01**			Prepared & Analyzed: 12/14/12						
C6-C12	874	25.5	mg/kg dry	1020	ND	85.7	75-125			
>C12-C28	844	25.5	"	1020	ND	82.7	75-125			
>C28-C35	ND	25.5	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*61.4*		"	*51.0*		*120*	*70-130*			
Surrogate: o-Terphenyl	*34.9*		"	*25.5*		*137*	*70-130*			*S-GC*
Matrix Spike Dup (EL21702-MSD1)	**Source: 2L14001-01**			Prepared & Analyzed: 12/14/12						
C6-C12	853	25.5	mg/kg dry	1020	ND	83.6	75-125	2.50	20	
>C12-C28	884	25.5	"	1020	ND	86.6	75-125	4.62	20	
>C28-C35	ND	25.5	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*83.5*		"	*102*		*81.8*	*70-130*			
Surrogate: o-Terphenyl	*48.2*		"	*51.0*		*94.4*	*70-130*			

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
S-09	Surrogate recovery limits have been exceeded.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/17/2012

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: Jonathan Repman e-mail: jrepman@novatraining.cc

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [x] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 2L 14007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW=Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M / 8015B	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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	S/W-1 @ 6'			12/13/2012	9:55		1	x								S	X							X			X				X
-02	E/W-1 @ 6'			12/13/2012	10:00		1	x								S	X							X			X				X
-03	W/W-1 @ 6'			12/13/2012	10:05		1	x								S	X							X			X				X
-04	BH-1 @ 7'			12/13/2012	10:10		1	x								S	X							X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	12/14/12	1320	Melissa Haskell	12/14/12	1320
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: Melissa Haskell	Date 12/14/12	Time 1320	Received by PBEL:	Date 12/14/12	Time 13:20

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: °C
Adjusted: 2.1 °C Factor N CF

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea Co. New Mexico

Lab Order Number: 2L31003

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 01/03/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-2 @ 8 ft	2L31003-01	Soil	12/28/12 11:05	12-28-2012 16:25
W/W-2 @ 7 ft	2L31003-02	Soil	12/28/12 11:10	12-28-2012 16:25
E/W-2 @ 7 ft	2L31003-03	Soil	12/28/12 11:15	12-28-2012 16:25

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

BH-2 @ 8 ft

2L31003-01 (Soil)

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*EA30305*	*01/03/13*	*01/03/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*149 %*	*75-125*		*EA30305*	*01/03/13*	*01/03/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**89.2**	1.01	mg/kg dry	1	EA30303	01/03/13	01/03/13	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	EA30301	01/02/13	01/03/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
>C12-C28	ND	25.3	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
>C28-C35	ND	25.3	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
Surrogate: 1-Chlorooctane		*82.5 %*	*70-130*		*EA30304*	*01/02/13*	*01/02/13*	*8015M*	
Surrogate: o-Terphenyl		*79.9 %*	*70-130*		*EA30304*	*01/02/13*	*01/02/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/02/13	01/02/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

W/W-2 @ 7 ft

2L31003-02 (Soil)

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*75-125*		*EA30305*	*01/03/13*	*01/03/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*146 %*	*75-125*		*EA30305*	*01/03/13*	*01/03/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.6**	1.01	mg/kg dry	1	EA30303	01/03/13	01/03/13	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	EA30301	01/02/13	01/03/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
>C12-C28	ND	25.3	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
>C28-C35	ND	25.3	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
Surrogate: 1-Chlorooctane		*94.8 %*	*70-130*		*EA30304*	*01/02/13*	*01/02/13*	*8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*EA30304*	*01/02/13*	*01/02/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/02/13	01/02/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

E/W-2 @ 7 ft

2L31003-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA30305	01/03/13	01/03/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*EA30305*	*01/03/13*	*01/03/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*148 %*	*75-125*		*EA30305*	*01/03/13*	*01/03/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**169**	1.02	mg/kg dry	1	EA30303	01/03/13	01/03/13	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	EA30301	01/02/13	01/03/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
>C12-C28	ND	25.5	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
>C28-C35	ND	25.5	mg/kg dry	1	EA30304	01/02/13	01/02/13	8015M	
Surrogate: 1-Chlorooctane		*94.1 %*	*70-130*		*EA30304*	*01/02/13*	*01/02/13*	*8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*EA30304*	*01/02/13*	*01/02/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/02/13	01/02/13	8015M	

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA30305 - General Preparation (GC)										
Blank (EA30305-BLK1)				Prepared & Analyzed: 01/03/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*61.0*		*ug/kg*	*60.0*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*77.0*		"	*60.0*		*128*	*75-125*			*S-GC*
LCS (EA30305-BS1)				Prepared & Analyzed: 01/03/13						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.103	0.00200	"	0.100		103	80-120			
Ethylbenzene	0.0977	0.00100	"	0.100		97.7	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0918	0.00100	"	0.100		91.8	80-120			
Surrogate: 1,4-Difluorobenzene	*58.8*		*ug/kg*	*60.0*		*98.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*64.3*		"	*60.0*		*107*	*75-125*			
LCS Dup (EA30305-BSD1)				Prepared & Analyzed: 01/03/13						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120	0.241	20	
Toluene	0.106	0.00200	"	0.100		106	80-120	2.70	20	
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120	2.79	20	
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120	2.89	20	
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120	3.00	20	
Surrogate: 1,4-Difluorobenzene	*60.6*		*ug/kg*	*60.0*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*66.8*		"	*60.0*		*111*	*75-125*			
Matrix Spike (EA30305-MS1)		**Source: 2L31003-03**		Prepared & Analyzed: 01/03/13						
Benzene	0.0572	0.00100	mg/kg dry	0.102	ND	56.0	80-120			QM-05
Toluene	0.0622	0.00200	"	0.102	ND	61.0	80-120			QM-05
Ethylbenzene	0.0673	0.00100	"	0.102	ND	66.0	80-120			QM-05
Xylene (p/m)	0.140	0.00200	"	0.204	ND	68.5	80-120			QM-05
Xylene (o)	0.0657	0.00100	"	0.102	ND	64.4	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*60.1*		*ug/kg*	*60.0*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*88.9*		"	*60.0*		*148*	*75-125*			*S-GC*

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA30305 - General Preparation (GC)										
Matrix Spike Dup (EA30305-MSD1)	**Source: 2L31003-03**			Prepared & Analyzed: 01/03/13						
Benzene	0.0552	0.00100	mg/kg dry	0.102	ND	54.1	80-120	3.56	20	QM-05
Toluene	0.0660	0.00200	"	0.102	ND	64.7	80-120	5.84	20	QM-05
Ethylbenzene	0.0711	0.00100	"	0.102	ND	69.7	80-120	5.48	20	QM-05
Xylene (p/m)	0.144	0.00200	"	0.204	ND	70.5	80-120	2.92	20	QM-05
Xylene (o)	0.0677	0.00100	"	0.102	ND	66.4	80-120	2.97	20	QM-05
Surrogate: 1,4-Difluorobenzene	*62.9*		*ug/kg*	*60.0*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*89.7*		*"*	*60.0*		*150*	*75-125*			*S-GC*

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA30301 - * DEFAULT PREP *** **										
Blank (EA30301-BLK1)				Prepared: 01/02/13 Analyzed: 01/03/13						
% Moisture	ND	0.1	%							
Duplicate (EA30301-DUP1)	**Source: 2L31001-01**			Prepared: 01/02/13 Analyzed: 01/03/13						
% Moisture	0.6	0.1	%		0.5			18.2	20	
Batch EA30303 - * DEFAULT PREP *** **										
Blank (EA30303-BLK1)				Prepared & Analyzed: 01/03/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EA30303-BS1)				Prepared & Analyzed: 01/03/13						
Chloride	10.1		mg/kg Wet	10.0		101	80-120			
LCS Dup (EA30303-BSD1)				Prepared & Analyzed: 01/03/13						
Chloride	10.1		mg/kg Wet	10.0		101	80-120	0.0296	20	
Duplicate (EA30303-DUP1)	**Source: 2L27001-01**			Prepared & Analyzed: 01/03/13						
Chloride	61.2	1.02	mg/kg dry		59.1			3.48	20	
Matrix Spike (EA30303-MS1)	**Source: 2L27001-01**			Prepared & Analyzed: 01/03/13						
Chloride	160	1.02	mg/kg dry	89.3	59.1	113	80-120			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA30304 - 8015M										
Blank (EA30304-BLK1)				Prepared & Analyzed: 01/02/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*76.6*		"	*100*		*76.6*	*70-130*			
Surrogate: o-Terphenyl	*40.3*		"	*50.0*		*80.5*	*70-130*			
LCS (EA30304-BS1)				Prepared & Analyzed: 01/02/13						
C6-C12	1240	25.0	mg/kg wet	1050		118	75-125			
>C12-C28	1250	25.0	"	1050		119	75-125			
>C28-C35	ND	25.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	*105*		"	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*46.5*		"	*50.0*		*92.9*	*70-130*			
LCS Dup (EA30304-BSD1)				Prepared & Analyzed: 01/02/13						
C6-C12	1290	25.0	mg/kg wet	1050		123	75-125	3.73	20	
>C12-C28	1290	25.0	"	1050		123	75-125	3.54	20	
>C28-C35	ND	25.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	*110*		"	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*48.4*		"	*50.0*		*96.8*	*70-130*			
Matrix Spike (EA30304-MS1)	**Source: 2L31003-03**			Prepared & Analyzed: 01/02/13						
C6-C12	1300	25.5	mg/kg dry	1070	ND	122	75-125			
>C12-C28	1240	25.5	"	1070	ND	116	75-125			
>C28-C35	ND	25.5	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*111*		"	*102*		*108*	*70-130*			
Surrogate: o-Terphenyl	*43.1*		"	*51.0*		*84.6*	*70-130*			
Matrix Spike Dup (EA30304-MSD1)	**Source: 2L31003-03**			Prepared & Analyzed: 01/02/13						
C6-C12	1290	25.5	mg/kg dry	1070	ND	120	75-125	1.01	20	
>C12-C28	1310	25.5	"	1070	ND	122	75-125	5.21	20	
>C28-C35	ND	25.5	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*127*		"	*102*		*124*	*70-130*			
Surrogate: o-Terphenyl	*54.2*		"	*51.0*		*106*	*70-130*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/3/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: Jonathan Repman e-mail: jrepman@novatraining.cc

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [x] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 2L31003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW=Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 / 8015M / 8015B	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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	BH-2 @ 8'			12/13/2012	11:05		1	x								S	x								X			X				
-02	W/W-2 @ 7'			12/13/2012	11:10		1	x								S	x								X			X				
-03	E/W-2 @ 7'			12/13/2012	11:15		1	x								S	x								X			X				

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	12/28/12	4:25			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				12/28/12	4:25

Laboratory Comments:

Sample Containers Intact?	Y	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 by Sampler/Client Rep.?		N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 3.6 °C
Adjusted: °C Factor N.C.F

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea County, New Mexico

Lab Order Number: 3A08001

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 01/10/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S/W-1A @ 6'	3A08001-01	Soil	01/07/13 00:00	01-08-2013 10:25

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

S/W-1A @ 6'

3A08001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**110**	1.08	mg/kg dry	1	EA30803	01/08/13	01/08/13	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	EA30901	01/09/13	01/09/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA30803 - * DEFAULT PREP *** **										
Blank (EA30803-BLK1)				Prepared & Analyzed: 01/08/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EA30803-BS1)				Prepared & Analyzed: 01/08/13						
Chloride	10.4		mg/kg Wet	10.0		104	80-120			
LCS Dup (EA30803-BSD1)				Prepared & Analyzed: 01/08/13						
Chloride	10.3		mg/kg Wet	10.0		103	80-120	0.996	20	
Duplicate (EA30803-DUP1)		**Source: 3A07008-01**		Prepared & Analyzed: 01/08/13						
Chloride	1250	2.84	mg/kg dry		1350			7.25	20	
Matrix Spike (EA30803-MS1)		**Source: 3A07008-01**		Prepared & Analyzed: 01/08/13						
Chloride	1530	2.84	mg/kg dry	156	1350	115	80-120			
Batch EA30901 - * DEFAULT PREP *** **										
Blank (EA30901-BLK1)				Prepared & Analyzed: 01/09/13						
% Moisture	ND	0.1	%							
Duplicate (EA30901-DUP1)		**Source: 3A08001-01**		Prepared & Analyzed: 01/09/13						
% Moisture	6.0	0.1	%		7.0			15.4	20	

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/10/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: Jonat Rep

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES
e-mail: jrepman@novatraining.cc
curt.stanley@sug.com

(lab use only)
ORDER #: 3A08001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW = Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	TOTAL: 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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	S/W-1A @ 6'			1/7/2013	0:00		1	x								S												X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	1/8/13	10:25			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL	Date	Time
				1/8/13	10:25

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received °C
Adjusted 3.0 °C Factor NCP

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea County, New Mexico

Lab Order Number: 3A17007

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 01/22/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E/W-3 @ 13ft	3A17007-01	Soil	01/15/13 11:00	01-17-2013 14:57
RP-North @ 5ft	3A17007-02	Soil	01/16/13 11:00	01-17-2013 14:57
RP-North @ 7ft	3A17007-03	Soil	01/16/13 11:30	01-17-2013 14:57
RP-North @ 10ft	3A17007-04	Soil	01/16/13 12:00	01-17-2013 14:57
TT-1 @ 1'	3A17007-05	Soil	01/16/13 13:50	01-17-2013 14:57
TT-1 @ 2'	3A17007-06	Soil	01/16/13 14:00	01-17-2013 14:57
TT-2 @ 1'	3A17007-07	Soil	01/16/13 14:10	01-17-2013 14:57
TT-3 @ 1'	3A17007-08	Soil	01/16/13 14:20	01-17-2013 14:57
TT-4 @ 1'	3A17007-09	Soil	01/16/13 14:30	01-17-2013 14:57
TT-5 @ 2'	3A17007-10	Soil	01/16/13 14:40	01-17-2013 14:57

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

E/W-3 @ 13ft

3A17007-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*118 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*64.4 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**286**	1.11	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	EA31805	01/17/13	01/17/13	8015M	
>C12-C28	**28.0**	27.8	mg/kg dry	1	EA31805	01/17/13	01/17/13	8015M	
>C28-C35	ND	27.8	mg/kg dry	1	EA31805	01/17/13	01/17/13	8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*EA31805*	*01/17/13*	*01/17/13*	*8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*EA31805*	*01/17/13*	*01/17/13*	*8015M*	
Total Hydrocarbon nC6-nC35	**28.0**	25.0	mg/kg dry	1	[CALC]	01/17/13	01/17/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

RP-North @ 5ft

3A17007-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*117 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*64.9 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**386**	1.15	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
>C12-C28	ND	28.7	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
>C28-C35	ND	28.7	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*EA31805*	*01/17/13*	*01/18/13*	*8015M*	
Surrogate: o-Terphenyl		*128 %*	*70-130*		*EA31805*	*01/17/13*	*01/18/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/17/13	01/18/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

RP-North @ 7ft

3A17007-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*115 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*46.8 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**488**	1.06	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
>C12-C28	ND	26.6	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
>C28-C35	ND	26.6	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*EA31805*	*01/17/13*	*01/18/13*	*8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*EA31805*	*01/17/13*	*01/18/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/17/13	01/18/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

RP-North @ 10ft

3A17007-04 (Soil)

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA31807	01/17/13	01/17/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*118 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*62.0 %*	*75-125*		*EA31807*	*01/17/13*	*01/17/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**269**	1.05	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
>C12-C28	ND	26.3	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
>C28-C35	ND	26.3	mg/kg dry	1	EA31805	01/17/13	01/18/13	8015M	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		*EA31805*	*01/17/13*	*01/18/13*	*8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*EA31805*	*01/17/13*	*01/18/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/17/13	01/18/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

TT-1 @ 1'

3A17007-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**74.5**	1.10	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

TT-1 @ 2'

3A17007-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2040**	2.81	mg/kg dry	2.5	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

TT-2 @ 1'

3A17007-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**260**	1.11	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

TT-3 @ 1'

3A17007-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**38.2**	1.09	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

TT-4 @ 1'

3A17007-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1010**	2.72	mg/kg dry	2.5	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

TT-5 @ 2'

3A17007-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**264**	1.11	mg/kg dry	1	EA31810	01/18/13	01/18/13	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	EA31802	01/17/13	01/18/13	% calculation	

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA31807 - General Preparation (GC)										
Blank (EA31807-BLK1)				Prepared & Analyzed: 01/17/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*70.8*		*ug/kg*	*60.0*		*118*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*43.0*		"	*60.0*		*71.7*	*75-125*			*S-GC*
LCS (EA31807-BS1)				Prepared: 01/17/13 Analyzed: 01/18/13						
Benzene	0.0874	0.00100	mg/kg wet	0.100		87.4	80-120			
Toluene	0.119	0.00200	"	0.100		119	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.225	0.00200	"	0.200		112	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	*65.2*		*ug/kg*	*60.0*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*53.5*		"	*60.0*		*89.2*	*75-125*			
LCS Dup (EA31807-BSD1)				Prepared: 01/17/13 Analyzed: 01/18/13						
Benzene	0.0923	0.00100	mg/kg wet	0.100		92.3	80-120	5.44	20	
Toluene	0.119	0.00200	"	0.100		119	80-120	0.312	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	4.67	20	
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120	5.53	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	3.01	20	
Surrogate: 1,4-Difluorobenzene	*63.0*		*ug/kg*	*60.0*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*45.4*		"	*60.0*		*75.7*	*75-125*			
Matrix Spike (EA31807-MS1)		**Source: 3A17007-01**		Prepared: 01/17/13 Analyzed: 01/18/13						
Benzene	0.0463	0.00100	mg/kg dry	0.111	ND	41.7	80-120			QM-05
Toluene	0.0625	0.00200	"	0.111	ND	56.2	80-120			QM-05
Ethylbenzene	0.0625	0.00100	"	0.111	ND	56.2	80-120			QM-05
Xylene (p/m)	0.114	0.00200	"	0.222	ND	51.2	80-120			QM-05
Xylene (o)	0.0651	0.00100	"	0.111	ND	58.6	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*70.1*		*ug/kg*	*60.0*		*117*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*49.5*		"	*60.0*		*82.6*	*75-125*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA31807 - General Preparation (GC)										
Matrix Spike Dup (EA31807-MSD1)		**Source: 3A17007-01**		Prepared: 01/17/13 Analyzed: 01/18/13						
Benzene	0.0572	0.00100	mg/kg dry	0.111	ND	51.5	80-120	21.0	20	QM-05
Toluene	0.0787	0.00200	"	0.111	ND	70.8	80-120	22.9	20	QM-05
Ethylbenzene	0.0789	0.00100	"	0.111	ND	71.0	80-120	23.2	20	QM-05
Xylene (p/m)	0.147	0.00200	"	0.222	ND	66.2	80-120	25.6	20	QM-05
Xylene (o)	0.0799	0.00100	"	0.111	ND	71.9	80-120	20.4	20	QM-05
Surrogate: 1,4-Difluorobenzene	*70.9*		*ug/kg*	*60.0*		*118*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*57.8*		*"*	*60.0*		*96.3*	*75-125*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA31802 - * DEFAULT PREP *** **										
Blank (EA31802-BLK1)				Prepared: 01/17/13 Analyzed: 01/18/13						
% Moisture	ND	0.1	%							
Duplicate (EA31802-DUP1)	**Source: 3A17002-01**			Prepared: 01/17/13 Analyzed: 01/18/13						
% Moisture	12.4	0.1	%		14.8			17.6	20	
Batch EA31810 - * DEFAULT PREP *** **										
Blank (EA31810-BLK1)				Prepared & Analyzed: 01/18/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EA31810-BS1)				Prepared & Analyzed: 01/18/13						
Chloride	10.0		mg/kg Wet	10.0		100	80-120			
LCS Dup (EA31810-BSD1)				Prepared & Analyzed: 01/18/13						
Chloride	10.0		mg/kg Wet	10.0		100	80-120	0.0498	20	
Duplicate (EA31810-DUP1)	**Source: 3A17006-01**			Prepared & Analyzed: 01/18/13						
Chloride	25.2	1.23	mg/kg dry		23.2			8.16	20	
Matrix Spike (EA31810-MS1)	**Source: 3A17006-01**			Prepared & Analyzed: 01/18/13						
Chloride	154	1.23	mg/kg dry	154	23.2	84.5	80-120			
Matrix Spike (EA31810-MS2)	**Source: 3A17007-06**			Prepared & Analyzed: 01/18/13						
Chloride	2250	2.81	mg/kg dry	140	2040	151	80-120			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA31805 - TX 1005										
Blank (EA31805-BLK1)				Prepared & Analyzed: 01/17/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*92.9*		"	*100*		*92.9*	*70-130*			
Surrogate: o-Terphenyl	*53.7*		"	*50.0*		*107*	*70-130*			
LCS (EA31805-BS1)				Prepared & Analyzed: 01/17/13						
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125			
>C12-C28	1150	25.0	"	1000		115	75-125			
>C28-C35	ND	25.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	*115*		"	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*55.2*		"	*50.0*		*110*	*70-130*			
Matrix Spike (EA31805-MS1)	**Source: 3A17007-01**			Prepared & Analyzed: 01/17/13						
C6-C12	1170	27.8	mg/kg dry	1110	ND	106	75-125			
>C12-C28	1220	27.8	"	1110	28.0	107	75-125			
>C28-C35	ND	27.8	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*131*		"	*111*		*118*	*70-130*			
Surrogate: o-Terphenyl	*64.2*		"	*55.6*		*116*	*70-130*			
Matrix Spike Dup (EA31805-MSD1)	**Source: 3A17007-01**			Prepared & Analyzed: 01/17/13						
C6-C12	1150	27.8	mg/kg dry	1110	ND	103	75-125	2.16	20	
>C12-C28	1200	27.8	"	1110	28.0	106	75-125	1.56	20	
>C28-C35	ND	27.8	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*131*		"	*111*		*118*	*70-130*			
Surrogate: o-Terphenyl	*63.0*		"	*55.6*		*113*	*70-130*			

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/22/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: Jonathan Repman
e-mail: jrepman@novatraining.cc
curt.stanley@sug.com

Project Name: SUG Chicken Farm
Project #: 1RP-1-13-2900
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [x] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3A17007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW=Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	E/W-1 @ 13ft			1/15/2013	11:00		1	x									S		x								x			X				x
-02	RP- North @5ft			1/16/2013	11:00		1	x									S		x								x			X				x
-03	RP- North @7ft			1/16/2013	11:30		1	x									S		x								x			X				x
-04	RP- North @10ft			1/16/2013	12:00		1	x									S		x								x			X				x
-05	TT-1 @ 1'			1/16/2013	13:50		1	x									S													X				x
-06	TT-1 @ 2'			1/16/2013	14:00		1	x									S													X				x
-07	TT-2 @ 1'			1/16/2013	14:10		1	x									S													X				x
-08	TT-3 @ 1'			1/16/2013	14:20		1	x									S													X				x
-09	TT-4 @ 1'			1/16/2013	14:30		1	x									S													X				x
-10	TT-5 @ 2'			1/16/2013	14:40		1	x									S													X				x

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	1/17/13	1413			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Rebecca	1-17-13	1413

Laboratory Comments:

Sample Container's Intact?	Y	N
VOCs Free of Headspace?		N
Labels on container(s)	Y	N
Custody seals on container(s)		N
Custody seals on cooler(s)		N
Sample Hand Delivered		N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.5 NCF °C Factor NCF
Adjusted:

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea Co. New Mexico

Lab Order Number: 3A25006

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 01/29/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-A @ 7'	3A25006-01	Soil	01/24/13 12:00	01-25-2013 16:22
E/W-A @ 6'	3A25006-02	Soil	01/24/13 12:15	01-25-2013 16:22
W/W-1 @ 6'	3A25006-03	Soil	01/24/13 12:30	01-25-2013 16:22
E/W-4 @ 9'	3A25006-04	Soil	01/24/13 14:30	01-25-2013 16:22

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

BH-A @ 7'

3A25006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.7**	1.08	mg/kg dry	1	EA32806	01/28/13	01/29/13	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	EA32901	01/28/13	01/29/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

E/W-A @ 6'

3A25006-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.3**	1.03	mg/kg dry	1	EA32806	01/28/13	01/29/13	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	EA32901	01/28/13	01/29/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

W/W-1 @ 6'

3A25006-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.84**	1.04	mg/kg dry	1	EA32806	01/28/13	01/29/13	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	EA32901	01/28/13	01/28/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

E/W-4 @ 9'

3A25006-04 (Soil)

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA32904	01/28/13	01/28/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA32904	01/28/13	01/28/13	EPA 8021B	
Ethylbenzene	**0.00693**	0.00100	mg/kg dry	1	EA32904	01/28/13	01/28/13	EPA 8021B	
Xylene (p/m)	**0.0131**	0.00200	mg/kg dry	1	EA32904	01/28/13	01/28/13	EPA 8021B	
Xylene (o)	**0.00502**	0.00100	mg/kg dry	1	EA32904	01/28/13	01/28/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*117 %*	*75-125*		*EA32904*	*01/28/13*	*01/28/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*81.5 %*	*75-125*		*EA32904*	*01/28/13*	*01/28/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**112**	1.05	mg/kg dry	1	EA32806	01/28/13	01/29/13	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	EA32901	01/28/13	01/28/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	EA32903	01/28/13	01/28/13	8015M	
>C12-C28	**64.3**	26.3	mg/kg dry	1	EA32903	01/28/13	01/28/13	8015M	
>C28-C35	**46.3**	26.3	mg/kg dry	1	EA32903	01/28/13	01/28/13	8015M	
Surrogate: 1-Chlorooctane		*84.7 %*	*70-130*		*EA32903*	*01/28/13*	*01/28/13*	*8015M*	
Surrogate: o-Terphenyl		*94.1 %*	*70-130*		*EA32903*	*01/28/13*	*01/28/13*	*8015M*	
Total Hydrocarbon nC6-nC35	**111**	25.0	mg/kg dry	1	[CALC]	01/28/13	01/28/13	8015M	

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA32904 - General Preparation (GC)										
Blank (EA32904-BLK1)				Prepared & Analyzed: 01/28/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*70.0*		*ug/kg*	*60.0*		*117*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*44.9*		"	*60.0*		*74.8*	*75-125*			*S-GC*
LCS (EA32904-BS1)				Prepared & Analyzed: 01/28/13						
Benzene	0.0802	0.00100	mg/kg wet	0.100		80.2	80-120			
Toluene	0.110	0.00200	"	0.100		110	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	*70.2*		*ug/kg*	*60.0*		*117*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*63.2*		"	*60.0*		*105*	*75-125*			
LCS Dup (EA32904-BSD1)				Prepared & Analyzed: 01/28/13						
Benzene	0.0831	0.00100	mg/kg wet	0.100		83.1	80-120	3.58	20	
Toluene	0.110	0.00200	"	0.100		110	80-120	0.236	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	0.708	20	
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120	0.00848	20	
Xylene (o)	0.110	0.00100	"	0.100		110	80-120	0.128	20	
Surrogate: 1,4-Difluorobenzene	*70.5*		*ug/kg*	*60.0*		*117*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*62.4*		"	*60.0*		*104*	*75-125*			
Matrix Spike (EA32904-MS1)		**Source: 3A25005-01**		Prepared & Analyzed: 01/28/13						
Benzene	0.0424	0.00100	mg/kg dry	0.114	0.00153	36.0	80-120			QM-05
Toluene	0.0572	0.00200	"	0.114	ND	50.3	80-120			QM-05
Ethylbenzene	0.0555	0.00100	"	0.114	ND	48.8	80-120			QM-05
Xylene (p/m)	0.110	0.00200	"	0.227	ND	48.4	80-120			QM-05
Xylene (o)	0.0550	0.00100	"	0.114	ND	48.4	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*60.5*		*ug/kg*	*60.0*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*44.5*		"	*60.0*		*74.1*	*75-125*			*S-GC*

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA32904 - General Preparation (GC)										
Matrix Spike Dup (EA32904-MSD1)	**Source: 3A25005-01**			Prepared & Analyzed: 01/28/13						
Benzene	0.0451	0.00100	mg/kg dry	0.114	0.00153	38.3	80-120	6.38	20	QM-05
Toluene	0.0598	0.00200	"	0.114	ND	52.6	80-120	4.47	20	QM-05
Ethylbenzene	0.0633	0.00100	"	0.114	ND	55.7	80-120	13.2	20	QM-05
Xylene (p/m)	0.130	0.00200	"	0.227	ND	57.1	80-120	16.5	20	QM-05
Xylene (o)	0.0621	0.00100	"	0.114	ND	54.6	80-120	12.0	20	QM-05
Surrogate: 1,4-Difluorobenzene	*59.8*		*ug/kg*	*60.0*		*99.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*51.4*		*"*	*60.0*		*85.8*	*75-125*			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA32806 - * DEFAULT PREP *****										
Blank (EA32806-BLK1)				Prepared: 01/28/13 Analyzed: 01/29/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EA32806-BS1)				Prepared: 01/28/13 Analyzed: 01/29/13						
Chloride	10.1		mg/kg Wet	10.0		101	80-120			
LCS Dup (EA32806-BSD1)				Prepared: 01/28/13 Analyzed: 01/29/13						
Chloride	9.93		mg/kg Wet	10.0		99.3	80-120	1.63	20	
Duplicate (EA32806-DUP1)		**Source: 3A25005-01**		Prepared: 01/28/13 Analyzed: 01/29/13						
Chloride	57.7	1.14	mg/kg dry		63.9			10.1	20	
Matrix Spike (EA32806-MS1)		**Source: 3A25005-01**		Prepared: 01/28/13 Analyzed: 01/29/13						
Chloride	169	1.14	mg/kg dry	99.4	63.9	106	80-120			
Matrix Spike (EA32806-MS2)		**Source: 3A25006-04**		Prepared: 01/28/13 Analyzed: 01/29/13						
Chloride	239	1.05	mg/kg dry	92.1	112	138	80-120			QM-05
Batch EA32901 - * DEFAULT PREP *****										
Blank (EA32901-BLK1)				Prepared & Analyzed: 01/28/13						
% Moisture	ND	0.1	%							
Duplicate (EA32901-DUP1)		**Source: 3A25004-01**		Prepared & Analyzed: 01/28/13						
% Moisture	5.5	0.1	%		6.2			12.0	20	

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA32903 - TX 1005										
Blank (EA32903-BLK1)				Prepared & Analyzed: 01/28/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*100*		"	*100*		*100*	*70-130*			
Surrogate: o-Terphenyl	*55.0*		"	*50.0*		*110*	*70-130*			
LCS (EA32903-BS1)				Prepared & Analyzed: 01/28/13						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125			
>C12-C28	1100	25.0	"	1000		110	75-125			
>C28-C35	ND	25.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	*120*		"	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*54.9*		"	*50.0*		*110*	*70-130*			
LCS Dup (EA32903-BSD1)				Prepared & Analyzed: 01/28/13						
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125	1.05	20	
>C12-C28	1090	25.0	"	1000		109	75-125	0.850	20	
>C28-C35	ND	25.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	*105*		"	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		"	*50.0*		*95.7*	*70-130*			
Matrix Spike (EA32903-MS1)	**Source: 3A25005-01**			Prepared & Analyzed: 01/28/13						
C6-C12	1160	28.4	mg/kg dry	1140	ND	102	75-125			
>C12-C28	1170	28.4	"	1140	ND	103	75-125			
>C28-C35	53.0	28.4	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*110*		"	*114*		*96.8*	*70-130*			
Surrogate: o-Terphenyl	*53.4*		"	*56.8*		*94.0*	*70-130*			
Matrix Spike Dup (EA32903-MSD1)	**Source: 3A25005-01**			Prepared & Analyzed: 01/28/13						
C6-C12	1140	28.4	mg/kg dry	1140	ND	100	75-125	2.26	20	
>C12-C28	1240	28.4	"	1140	ND	109	75-125	6.11	20	
>C28-C35	31.6	28.4	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*112*		"	*114*		*98.7*	*70-130*			
Surrogate: o-Terphenyl	*58.5*		"	*56.8*		*103*	*70-130*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/29/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: Jon Repman e-mail: jrepman@novatraining.cc curt.stanley@sug.com

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [x] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3A2 5006

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1	8015M	TPH: TX 1005	TPH: 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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs.	Standard TAT
-01	BH-A @ 7'			1/24/2013	12:00		1	x								S														X		
-02	E/W-A @ 6'			1/24/2013	12:15		1	x								S														X		
-03	W/W-1@ 6'			1/24/2013	12:30		1	x								S														X		
-04	E/W-4 @ 9'			1/24/2013	14:30		1	x								S	X										X			X		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Kathleen Haskell	1/25/13	14:05			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	1/25/13	1405

Laboratory Comments:

Sample Containers Intact?	Y N
VOCs Free of Headspace?	Y N
Labels on container(s)	Y N
Custody seals on container(s)	Y N
Custody seals on cooler(s)	Y N
Sample Hand Delivered	Y N
by Sampler/Client Rep. ?	Y N
by Courier? UPS DHL FedEx Lone Star	

Temperature Upon Receipt:
Received: °C
Adjusted 3.5 °C Factor NCP

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea Co. New Mexico

Lab Order Number: 3A28001

NELAP/TCEQ # T104704156-12-1

Report Date: 01/31/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RP-South @ 26'	3A28001-01	Soil	01/25/13 14:00	01-28-2013 09:57
WT-1 @ 13'	3A28001-02	Soil	01/25/13 14:15	01-28-2013 09:57

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

RP-South @ 26'

3A28001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*119 %*	*75-125*		*EA32906*	*01/29/13*	*01/29/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*62.4 %*	*75-125*		*EA32906*	*01/29/13*	*01/29/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**278**	1.09	mg/kg dry	1	EA33101	01/31/13	01/31/13	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	EA32902	01/28/13	01/29/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	EA32907	01/29/13	01/29/13	8015M	
>C12-C28	ND	27.2	mg/kg dry	1	EA32907	01/29/13	01/29/13	8015M	
>C28-C35	ND	27.2	mg/kg dry	1	EA32907	01/29/13	01/29/13	8015M	
Surrogate: 1-Chlorooctane		*93.5 %*	*70-130*		*EA32907*	*01/29/13*	*01/29/13*	*8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*EA32907*	*01/29/13*	*01/29/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/29/13	01/29/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

WT-1 @ 13'

3A28001-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA32906	01/29/13	01/29/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*118 %*	*75-125*		*EA32906*	*01/29/13*	*01/29/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*68.8 %*	*75-125*		*EA32906*	*01/29/13*	*01/29/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**159**	1.08	mg/kg dry	1	EA33101	01/31/13	01/31/13	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	EA32902	01/28/13	01/29/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	EA32907	01/29/13	01/29/13	8015M	
>C12-C28	ND	26.9	mg/kg dry	1	EA32907	01/29/13	01/29/13	8015M	
>C28-C35	ND	26.9	mg/kg dry	1	EA32907	01/29/13	01/29/13	8015M	
Surrogate: 1-Chlorooctane		*99.3 %*	*70-130*		*EA32907*	*01/29/13*	*01/29/13*	*8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*EA32907*	*01/29/13*	*01/29/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/29/13	01/29/13	8015M	

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA32906 - General Preparation (GC)										
Blank (EA32906-BLK1)				Prepared & Analyzed: 01/29/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*70.7*		*ug/kg*	*60.0*		*118*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*43.1*		"	*60.0*		*71.8*	*75-125*			*S-GC*
LCS (EA32906-BS1)				Prepared & Analyzed: 01/29/13						
Benzene	0.0840	0.00100	mg/kg wet	0.100		84.0	80-120			
Toluene	0.113	0.00200	"	0.100		113	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	*55.4*		*ug/kg*	*60.0*		*92.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*49.3*		"	*60.0*		*82.2*	*75-125*			
LCS Dup (EA32906-BSD1)				Prepared & Analyzed: 01/29/13						
Benzene	0.0849	0.00100	mg/kg wet	0.100		84.9	80-120	1.08	20	
Toluene	0.118	0.00200	"	0.100		118	80-120	4.59	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	2.71	20	
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120	2.21	20	
Xylene (o)	0.106	0.00100	"	0.100		106	80-120	2.69	20	
Surrogate: 1,4-Difluorobenzene	*59.1*		*ug/kg*	*60.0*		*98.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*49.5*		"	*60.0*		*82.4*	*75-125*			
Matrix Spike (EA32906-MS1)		**Source: 3A28001-02**		Prepared & Analyzed: 01/29/13						
Benzene	0.0390	0.00100	mg/kg dry	0.108	ND	36.3	80-120			QM-05
Toluene	0.0422	0.00200	"	0.108	ND	39.2	80-120			QM-05
Ethylbenzene	0.0339	0.00100	"	0.108	ND	31.6	80-120			QM-05
Xylene (p/m)	0.0653	0.00200	"	0.215	ND	30.4	80-120			QM-05
Xylene (o)	0.0339	0.00100	"	0.108	ND	31.5	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*65.6*		*ug/kg*	*60.0*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*33.4*		"	*60.0*		*55.6*	*75-125*			*S-GC*

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA32902 - * DEFAULT PREP *** **										
Blank (EA32902-BLK1)				Prepared: 01/28/13 Analyzed: 01/29/13						
% Moisture	ND	0.1	%							
Duplicate (EA32902-DUP1)	**Source: 3A25008-01**			Prepared: 01/28/13 Analyzed: 01/29/13						
% Moisture	7.7	0.1	%		7.4			3.97	20	
Duplicate (EA32902-DUP2)	**Source: 3A28001-01**			Prepared: 01/28/13 Analyzed: 01/29/13						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Batch EA33101 - * DEFAULT PREP *** **										
Blank (EA33101-BLK1)				Prepared & Analyzed: 01/31/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EA33101-BS1)				Prepared & Analyzed: 01/31/13						
Chloride	9.93		mg/kg Wet	10.0		99.3	80-120			
LCS Dup (EA33101-BSD1)				Prepared & Analyzed: 01/31/13						
Chloride	9.87		mg/kg Wet	10.0		98.7	80-120	0.535	20	
Duplicate (EA33101-DUP1)	**Source: 3A28001-01**			Prepared & Analyzed: 01/31/13						
Chloride	279	1.09	mg/kg dry		278			0.644	20	
Matrix Spike (EA33101-MS1)	**Source: 3A28001-01**			Prepared & Analyzed: 01/31/13						
Chloride	396	1.09	mg/kg dry	109	278	108	80-120			
Matrix Spike (EA33101-MS2)	**Source: 3A29005-03**			Prepared & Analyzed: 01/31/13						
Chloride	95.2	1.01	mg/kg dry	88.4	2.94	104	80-120			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA32907 - TX 1005										
Matrix Spike (EA32907-MS1)		**Source: 3A28001-02**		Prepared & Analyzed: 01/29/13						
C6-C12	1080	26.9	mg/kg dry	1080	ND	101	75-125			
>C12-C28	1140	26.9	"	1080	ND	106	75-125			
>C28-C35	ND	26.9	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*121*		"	*108*		*113*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		"	*53.8*		*103*	*70-130*			
Matrix Spike Dup (EA32907-MSD1)		**Source: 3A28001-02**		Prepared & Analyzed: 01/29/13						
C6-C12	1130	26.9	mg/kg dry	1080	ND	105	75-125	4.22	20	
>C12-C28	1090	26.9	"	1080	ND	101	75-125	4.46	20	
>C28-C35	ND	26.9	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*139*		"	*108*		*129*	*70-130*			
Surrogate: o-Terphenyl	*64.3*		"	*53.8*		*120*	*70-130*			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/31/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: J Repman e-mail: jrepman@novatraining.cc curt.stanley@sug.com

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [x] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3A28001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 80/5B	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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	RP South @ 26'			1/25/2013	14:00		1	x								S	X								X			X				
-02	WT-1 @ 13'			1/25/2013	14:15		1	x								S	X								X			X				

Special Instructions:

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 3.7 °C Factor NCF

Relinquished by:	Date	Time	Received by:	Date	Time
Nikki Green	1/28/13	9:57			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Rachel Ko	1-29-13	0957

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea, Co. New Mexico

Lab Order Number: 3A29007

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 01/31/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WT-1 @ 13'	3A29007-01	Soil	01/28/13 15:00	01-29-2013 15:26
NT-2 @ 13'	3A29007-02	Soil	01/28/13 15:00	01-29-2013 15:26

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

WT-1 @ 13'

3A29007-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*115 %*	*75-125*		*EA33102*	*01/30/13*	*01/30/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*73.4 %*	*75-125*		*EA33102*	*01/30/13*	*01/30/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**69.5**	1.03	mg/kg dry	1	EA33101	01/31/13	01/31/13	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	EA33002	01/29/13	01/30/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	EA33104	01/30/13	01/30/13	8015M	
>C12-C28	ND	25.8	mg/kg dry	1	EA33104	01/30/13	01/30/13	8015M	
>C28-C35	ND	25.8	mg/kg dry	1	EA33104	01/30/13	01/30/13	8015M	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		*EA33104*	*01/30/13*	*01/30/13*	*8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*EA33104*	*01/30/13*	*01/30/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/30/13	01/30/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

NT-2 @ 13'

3A29007-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*116 %*	*75-125*		*EA33102*	*01/30/13*	*01/30/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*73.8 %*	*75-125*		*EA33102*	*01/30/13*	*01/30/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**58.9**	1.06	mg/kg dry	1	EA33101	01/31/13	01/31/13	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	EA33002	01/29/13	01/30/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	EA33104	01/30/13	01/30/13	8015M	
>C12-C28	ND	26.6	mg/kg dry	1	EA33104	01/30/13	01/30/13	8015M	
>C28-C35	ND	26.6	mg/kg dry	1	EA33104	01/30/13	01/30/13	8015M	
Surrogate: 1-Chlorooctane		*97.3 %*	*70-130*		*EA33104*	*01/30/13*	*01/30/13*	*8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*EA33104*	*01/30/13*	*01/30/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/30/13	01/30/13	8015M	

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33102 - General Preparation (GC)										
Blank (EA33102-BLK1)				Prepared & Analyzed: 01/30/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*70.7*		*ug/kg*	*60.0*		*118*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*42.8*		*"*	*60.0*		*71.3*	*75-125*			*S-GC*
LCS (EA33102-BS1)				Prepared & Analyzed: 01/30/13						
Benzene	0.0824	0.00100	mg/kg wet				80-120			
Toluene	0.110	0.00200	"				80-120			
Ethylbenzene	0.112	0.00100	"				80-120			
Xylene (p/m)	0.231	0.00200	"				80-120			
Xylene (o)	0.104	0.00100	"				80-120			
Surrogate: 1,4-Difluorobenzene	*55.4*		*ug/kg*	*60.0*		*92.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*48.9*		*"*	*60.0*		*81.4*	*75-125*			
LCS Dup (EA33102-BSD1)				Prepared & Analyzed: 01/30/13						
Benzene	0.0816	0.00100	mg/kg wet				80-120		20	
Toluene	0.112	0.00200	"				80-120		20	
Ethylbenzene	0.112	0.00100	"				80-120		20	
Xylene (p/m)	0.230	0.00200	"				80-120		20	
Xylene (o)	0.104	0.00100	"				80-120		20	
Surrogate: 1,4-Difluorobenzene	*58.1*		*ug/kg*	*60.0*		*96.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*51.3*		*"*	*60.0*		*85.4*	*75-125*			
Matrix Spike (EA33102-MS1)		**Source: 3A30002-01**		Prepared & Analyzed: 01/30/13						
Benzene	0.0841	0.00100	mg/kg dry		ND		80-120			
Toluene	0.107	0.00200	"		ND		80-120			
Ethylbenzene	0.113	0.00100	"		ND		80-120			
Xylene (p/m)	0.233	0.00200	"		ND		80-120			
Xylene (o)	0.110	0.00100	"		ND		80-120			
Surrogate: 1,4-Difluorobenzene	*67.4*		*ug/kg*	*60.0*		*112*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*61.6*		*"*	*60.0*		*103*	*75-125*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33102 - General Preparation (GC)										
Matrix Spike Dup (EA33102-MSD1)		**Source: 3A30002-01**		Prepared & Analyzed: 01/30/13						
Benzene	0.0741	0.00100	mg/kg dry		ND		80-120		20	
Toluene	0.105	0.00200	"		ND		80-120		20	
Ethylbenzene	0.111	0.00100	"		ND		80-120		20	
Xylene (p/m)	0.208	0.00200	"		ND		80-120		20	
Xylene (o)	0.106	0.00100	"		ND		80-120		20	
Surrogate: 1,4-Difluorobenzene	*71.6*		*ug/kg*	*60.0*		*119*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*66.1*		*"*	*60.0*		*110*	*75-125*			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33002 - * DEFAULT PREP *** **										
Blank (EA33002-BLK1)				Prepared: 01/29/13 Analyzed: 01/30/13						
% Moisture	ND	0.1	%							
Duplicate (EA33002-DUP1)	**Source: 3A29002-01**			Prepared: 01/29/13 Analyzed: 01/30/13						
% Moisture	8.9	0.1	%		9.1			2.22	20	
Duplicate (EA33002-DUP2)	**Source: 3A29005-09**			Prepared: 01/29/13 Analyzed: 01/30/13						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Batch EA33101 - * DEFAULT PREP *** **										
Blank (EA33101-BLK1)				Prepared & Analyzed: 01/31/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EA33101-BS1)				Prepared & Analyzed: 01/31/13						
Chloride	9.93		mg/kg Wet	10.0		99.3	80-120			
LCS Dup (EA33101-BSD1)				Prepared & Analyzed: 01/31/13						
Chloride	9.87		mg/kg Wet	10.0		98.7	80-120	0.535	20	
Duplicate (EA33101-DUP1)	**Source: 3A28001-01**			Prepared & Analyzed: 01/31/13						
Chloride	279	1.09	mg/kg dry		278			0.644	20	
Matrix Spike (EA33101-MS1)	**Source: 3A28001-01**			Prepared & Analyzed: 01/31/13						
Chloride	396	1.09	mg/kg dry	109	278	108	80-120			
Matrix Spike (EA33101-MS2)	**Source: 3A29005-03**			Prepared & Analyzed: 01/31/13						
Chloride	95.2	1.01	mg/kg dry	88.4	2.94	104	80-120			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33104 - 8015M										
Blank (EA33104-BLK1)				Prepared & Analyzed: 01/30/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*164*		"	*200*		*82.2*	*70-130*			
Surrogate: o-Terphenyl	*85.8*		"	*100*		*85.8*	*70-130*			
LCS (EA33104-BS1)				Prepared & Analyzed: 01/30/13						
C6-C12	1390	25.0	mg/kg wet	1500		92.8	75-125			
>C12-C28	1300	25.0	"	1500		86.9	75-125			
>C28-C35	ND	25.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	*173*		"	*200*		*86.7*	*70-130*			
Surrogate: o-Terphenyl	*81.0*		"	*100*		*81.0*	*70-130*			
LCS Dup (EA33104-BSD1)				Prepared & Analyzed: 01/30/13						
C6-C12	1460	25.0	mg/kg wet	1500		97.6	75-125	5.14	20	
>C12-C28	1330	25.0	"	1500		88.5	75-125	1.84	20	
>C28-C35	ND	25.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	*172*		"	*200*		*86.0*	*70-130*			
Surrogate: o-Terphenyl	*83.1*		"	*100*		*83.1*	*70-130*			
Matrix Spike (EA33104-MS1)		**Source: 3A29005-09**		Prepared & Analyzed: 01/30/13						
C6-C12	1150	28.4	mg/kg dry	1140	ND	102	75-125			
>C12-C28	1370	28.4	"	1140	ND	120	75-125			
>C28-C35	ND	28.4	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*140*		"	*114*		*123*	*70-130*			
Surrogate: o-Terphenyl	*72.8*		"	*56.8*		*128*	*70-130*			
Matrix Spike Dup (EA33104-MSD1)		**Source: 3A29005-09**		Prepared & Analyzed: 01/30/13						
C6-C12	1150	28.4	mg/kg dry	1140	ND	101	75-125	0.278	20	
>C12-C28	1230	28.4	"	1140	ND	109	75-125	10.2	20	
>C28-C35	ND	28.4	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*135*		"	*114*		*119*	*70-130*			
Surrogate: o-Terphenyl	*64.8*		"	*56.8*		*114*	*70-130*			

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/31/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman

Company Name: Nova Environmental

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature: Jonathan Repman

Project Name: SUG Chicken Farm

Project #:

Project Loc: Lea, Co., New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

e-mail: jrepman@novatraining.cc

(lab use only) ORDER #: 3A29007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other:	Analyze For: TCLP: TPH: 418.1 8015M 8015B	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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-1	WT-1 @ 13'			1/28/2013	15:00		1	x								S			x								X			X		X
-2	NT- 2 @ 13'			1/28/2013	15:00		1	x								S			x								X			X		X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	1/29/13	14:25			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				1/29/13	14:25

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 by Sampler/Client Rep ?	N
by Courier? UPS DHL FedEx Lone Star	

Temperature Upon Receipt:
Received: °C
Adjusted: 4.5 °C Factor NCF

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea, Co New Mexico

Lab Order Number: 3A30002

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 01/31/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ET-1 @ 13'	3A30002-01	Soil	01/29/13 09:00	01-30-2013 11:51

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ET-1 @ 13'

3A30002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EA33102	01/30/13	01/30/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*116 %*	*75-125*		*EA33102*	*01/30/13*	*01/30/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*70.9 %*	*75-125*		*EA33102*	*01/30/13*	*01/30/13*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**282**	1.32	mg/kg dry	1	EA33101	01/31/13	01/31/13	EPA 300.0	
% Moisture	**24.0**	0.1	%	1	EA33103	01/30/13	01/31/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	32.9	mg/kg dry	1	EA33105	01/30/13	01/31/13	8015M	
>C12-C28	ND	32.9	mg/kg dry	1	EA33105	01/30/13	01/31/13	8015M	
>C28-C35	ND	32.9	mg/kg dry	1	EA33105	01/30/13	01/31/13	8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*EA33105*	*01/30/13*	*01/31/13*	*8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*EA33105*	*01/30/13*	*01/31/13*	*8015M*	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	01/30/13	01/31/13	8015M	

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33102 - General Preparation (GC)										
Blank (EA33102-BLK1)				Prepared & Analyzed: 01/30/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*70.7*		*ug/kg*	*60.0*		*118*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*42.8*		*"*	*60.0*		*71.3*	*75-125*			*S-GC*
LCS (EA33102-BS1)				Prepared & Analyzed: 01/30/13						
Benzene	0.0824	0.00100	mg/kg wet				80-120			
Toluene	0.110	0.00200	"				80-120			
Ethylbenzene	0.112	0.00100	"				80-120			
Xylene (p/m)	0.231	0.00200	"				80-120			
Xylene (o)	0.104	0.00100	"				80-120			
Surrogate: 1,4-Difluorobenzene	*55.4*		*ug/kg*	*60.0*		*92.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*48.9*		*"*	*60.0*		*81.4*	*75-125*			
LCS Dup (EA33102-BSD1)				Prepared & Analyzed: 01/30/13						
Benzene	0.0816	0.00100	mg/kg wet				80-120		20	
Toluene	0.112	0.00200	"				80-120		20	
Ethylbenzene	0.112	0.00100	"				80-120		20	
Xylene (p/m)	0.230	0.00200	"				80-120		20	
Xylene (o)	0.104	0.00100	"				80-120		20	
Surrogate: 1,4-Difluorobenzene	*58.1*		*ug/kg*	*60.0*		*96.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*51.3*		*"*	*60.0*		*85.4*	*75-125*			
Matrix Spike (EA33102-MS1)		**Source: 3A30002-01**		Prepared & Analyzed: 01/30/13						
Benzene	0.0841	0.00100	mg/kg dry		ND		80-120			
Toluene	0.107	0.00200	"		ND		80-120			
Ethylbenzene	0.113	0.00100	"		ND		80-120			
Xylene (p/m)	0.233	0.00200	"		ND		80-120			
Xylene (o)	0.110	0.00100	"		ND		80-120			
Surrogate: 1,4-Difluorobenzene	*67.4*		*ug/kg*	*60.0*		*112*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*61.6*		*"*	*60.0*		*103*	*75-125*			

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33102 - General Preparation (GC)										
Matrix Spike Dup (EA33102-MSD1)		**Source: 3A30002-01**		Prepared & Analyzed: 01/30/13						
Benzene	0.0741	0.00100	mg/kg dry		ND		80-120		20	
Toluene	0.105	0.00200	"		ND		80-120		20	
Ethylbenzene	0.111	0.00100	"		ND		80-120		20	
Xylene (p/m)	0.208	0.00200	"		ND		80-120		20	
Xylene (o)	0.106	0.00100	"		ND		80-120		20	
Surrogate: 1,4-Difluorobenzene	*71.6*		*ug/kg*	*60.0*		*119*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*66.1*		*"*	*60.0*		*110*	*75-125*			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33101 - * DEFAULT PREP *** **										
Blank (EA33101-BLK1)				Prepared & Analyzed: 01/31/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EA33101-BS1)				Prepared & Analyzed: 01/31/13						
Chloride	9.93		mg/kg Wet	10.0		99.3	80-120			
LCS Dup (EA33101-BSD1)				Prepared & Analyzed: 01/31/13						
Chloride	9.87		mg/kg Wet	10.0		98.7	80-120	0.535	20	
Duplicate (EA33101-DUP1)		Source: 3A28001-01		Prepared & Analyzed: 01/31/13						
Chloride	279	1.09	mg/kg dry		278			0.644	20	
Matrix Spike (EA33101-MS1)		Source: 3A28001-01		Prepared & Analyzed: 01/31/13						
Chloride	396	1.09	mg/kg dry	109	278	108	80-120			
Matrix Spike (EA33101-MS2)		Source: 3A29005-03		Prepared & Analyzed: 01/31/13						
Chloride	95.2	1.01	mg/kg dry	88.4	2.94	104	80-120			
Batch EA33103 - * DEFAULT PREP *** **										
Blank (EA33103-BLK1)				Prepared: 01/30/13 Analyzed: 01/31/13						
% Moisture	ND	0.1	%							
Duplicate (EA33103-DUP1)		Source: 3A30001-01		Prepared: 01/30/13 Analyzed: 01/31/13						
% Moisture	5.6	0.1	%		5.0			11.3	20	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

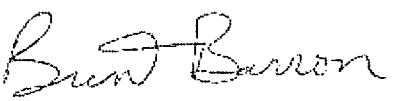
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA33105 - 8015M										
Blank (EA33105-BLK1)				Prepared & Analyzed: 01/30/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*102*		"	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*57.6*		"	*50.0*		*115*	*70-130*			
LCS (EA33105-BS1)				Prepared & Analyzed: 01/30/13						
C6-C12	840	25.0	mg/kg wet	1000		84.0	75-125			
>C12-C28	902	25.0	"	1000		90.2	75-125			
>C28-C35	ND	25.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	*99.6*		"	*100*		*99.6*	*70-130*			
Surrogate: o-Terphenyl	*47.0*		"	*50.0*		*94.1*	*70-130*			
LCS Dup (EA33105-BSD1)				Prepared & Analyzed: 01/30/13						
C6-C12	872	25.0	mg/kg wet	1000		87.2	75-125	3.78	20	
>C12-C28	919	25.0	"	1000		91.9	75-125	1.88	20	
>C28-C35	ND	25.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	*102*		"	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*47.2*		"	*50.0*		*94.5*	*70-130*			
Matrix Spike (EA33105-MS1)	**Source: 3A30002-01**			Prepared: 01/30/13 Analyzed: 01/31/13						
C6-C12	1270	32.9	mg/kg dry	1320	ND	96.6	75-125			
>C12-C28	1360	32.9	"	1320	ND	104	75-125			
>C28-C35	ND	32.9	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*170*		"	*132*		*129*	*70-130*			
Surrogate: o-Terphenyl	*82.5*		"	*65.8*		*125*	*70-130*			
Matrix Spike Dup (EA33105-MSD1)	**Source: 3A30002-01**			Prepared: 01/30/13 Analyzed: 01/31/13						
C6-C12	1350	32.9	mg/kg dry	1320	ND	103	75-125	6.28	20	
>C12-C28	1440	32.9	"	1320	ND	109	75-125	5.42	20	
>C28-C35	ND	32.9	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*158*		"	*132*		*120*	*70-130*			
Surrogate: o-Terphenyl	*71.8*		"	*65.8*		*109*	*70-130*			

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:  Date: 1/31/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: Jonathan Repman e-mail: jrepman@novatraining.cc

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3A30002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 8015B	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 (TCLP)	Volatiles (TOTAL)	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	ET-1 @ 13'			1/29/2013	9:00		1	x								S	x								X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	1/30/13	1033	Nikki Green	1/30/13	1033
Nikki Green	1/30/13	11:51			
			Received by PBEL	1/30/13	11:51

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 FedEx Lone Star	
Temperature Upon Receipt:	
Received: °C	
Adjusted: °C Factor	5.0 NCF

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea Co. New Mexico

Lab Order Number: 3B13001

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 02/15/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WW-3 @ 13'	3B13001-01	Soil	02/12/13 15:30	02-13-2013 09:25

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

WW-3 @ 13'

3B13001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	EB31301	02/13/13	02/13/13	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	EB31301	02/13/13	02/13/13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	EB31301	02/13/13	02/13/13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	EB31301	02/13/13	02/13/13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	EB31301	02/13/13	02/13/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*114 %*	*75-125*		*EB31301*	*02/13/13*	*02/13/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*76.7 %*	*75-125*		*EB31301*	*02/13/13*	*02/13/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**169**	1.05	mg/kg dry	1	EB31503	02/15/13	02/15/13	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	EB31401	02/13/13	02/14/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	EB31501	02/14/13	02/14/13	8015M	
>C12-C28	**64.4**	26.3	mg/kg dry	1	EB31501	02/14/13	02/14/13	8015M	
>C28-C35	ND	26.3	mg/kg dry	1	EB31501	02/14/13	02/14/13	8015M	
Surrogate: 1-Chlorooctane		*89.5 %*	*70-130*		*EB31501*	*02/14/13*	*02/14/13*	*8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*EB31501*	*02/14/13*	*02/14/13*	*8015M*	
Total Hydrocarbon nC6-nC35	**64.4**	26.3	mg/kg dry	1	[CALC]	02/14/13	02/14/13	8015M	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB31301 - General Preparation (GC)										
Blank (EB31301-BLK1)				Prepared & Analyzed: 02/13/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*71.8*		*ug/kg*	*60.0*		*120*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*39.8*		"	*60.0*		*66.3*	*75-125*			*S-GC*
LCS (EB31301-BS1)				Prepared & Analyzed: 02/13/13						
Benzene	0.0801	0.00100	mg/kg wet	0.100		80.1	80-120			
Toluene	0.115	0.00200	"	0.100		115	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	*69.1*		*ug/kg*	*60.0*		*115*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*58.7*		"	*60.0*		*97.8*	*75-125*			
LCS Dup (EB31301-BSD1)				Prepared & Analyzed: 02/13/13						
Benzene	0.0818	0.00100	mg/kg wet	0.100		81.8	80-120	2.13	20	
Toluene	0.110	0.00200	"	0.100		110	80-120	3.66	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	3.90	20	
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120	3.75	20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120	2.88	20	
Surrogate: 1,4-Difluorobenzene	*69.1*		*ug/kg*	*60.0*		*115*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*58.8*		"	*60.0*		*97.9*	*75-125*			
Matrix Spike (EB31301-MS1)		**Source: 3B13001-01**		Prepared & Analyzed: 02/13/13						
Benzene	0.0481	0.00100	mg/kg dry	0.105	ND	45.7	80-120			QM-05
Toluene	0.0653	0.00200	"	0.105	ND	62.1	80-120			QM-05
Ethylbenzene	0.0659	0.00100	"	0.105	ND	62.6	80-120			QM-05
Xylene (p/m)	0.131	0.00200	"	0.211	ND	62.4	80-120			QM-05
Xylene (o)	0.0620	0.00100	"	0.105	ND	58.9	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*68.2*		*ug/kg*	*60.0*		*114*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*55.6*		"	*60.0*		*92.6*	*75-125*			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

Organics by GC - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB31301 - General Preparation (GC)										
Matrix Spike Dup (EB31301-MSD1)	**Source: 3B13001-01**			Prepared & Analyzed: 02/13/13						
Benzene	0.0558	0.00100	mg/kg dry	0.105	ND	53.0	80-120	14.8	20	QM-05
Toluene	0.0782	0.00200	"	0.105	ND	74.3	80-120	17.9	20	QM-05
Ethylbenzene	0.0797	0.00100	"	0.105	ND	75.7	80-120	19.0	20	QM-05
Xylene (p/m)	0.161	0.00200	"	0.211	ND	76.6	80-120	20.4	20	QM-05
Xylene (o)	0.0751	0.00100	"	0.105	ND	71.3	80-120	19.2	20	QM-05
Surrogate: 1,4-Difluorobenzene	*68.8*		*ug/kg*	*60.0*		*115*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*60.9*		*"*	*60.0*		*101*	*75-125*			

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager:. Jonathan Repman	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB31401 - * DEFAULT PREP *** **										
Blank (EB31401-BLK1)				Prepared: 02/13/13 Analyzed: 02/14/13						
% Moisture	ND	0.1	%							
Duplicate (EB31401-DUP1)	Source: 3B13001-01			Prepared: 02/13/13 Analyzed: 02/14/13						
% Moisture	4.0	0.1	%		5.0			22.2	20	R3
Batch EB31503 - * DEFAULT PREP *** **										
Blank (EB31503-BLK1)				Prepared & Analyzed: 02/15/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EB31503-BS1)				Prepared & Analyzed: 02/15/13						
Chloride	10.3		mg/kg Wet	10.0		103	80-120			
LCS Dup (EB31503-BSD1)				Prepared & Analyzed: 02/15/13						
Chloride	10.3		mg/kg Wet	10.0		103	80-120	0.553	20	
Duplicate (EB31503-DUP1)	Source: 3B13001-01			Prepared & Analyzed: 02/15/13						
Chloride	169	1.05	mg/kg dry		169			0.0498	20	
Matrix Spike (EB31503-MS1)	Source: 3B13001-01			Prepared & Analyzed: 02/15/13						
Chloride	266	1.05	mg/kg dry	92.1	169	106	80-120			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB31501 - 8015M										
Blank (EB31501-BLK1)				Prepared & Analyzed: 02/14/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*83.1*		"	*100*		*83.1*	*70-130*			
Surrogate: o-Terphenyl	*48.1*		"	*50.0*		*96.3*	*70-130*			
LCS (EB31501-BS1)				Prepared & Analyzed: 02/14/13						
C6-C12	805	25.0	mg/kg wet	1000		80.5	75-125			
>C12-C28	766	25.0	"	1000		76.6	75-125			
>C28-C35	ND	25.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	*83.6*		"	*100*		*83.6*	*70-130*			
Surrogate: o-Terphenyl	*39.8*		"	*50.0*		*79.6*	*70-130*			
LCS Dup (EB31501-BSD1)				Prepared & Analyzed: 02/14/13						
C6-C12	815	25.0	mg/kg wet	1000		81.5	75-125	1.23	20	
>C12-C28	799	25.0	"	1000		79.9	75-125	4.17	20	
>C28-C35	ND	25.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	*85.8*		"	*100*		*85.8*	*70-130*			
Surrogate: o-Terphenyl	*40.5*		"	*50.0*		*80.9*	*70-130*			
Matrix Spike (EB31501-MS1)	**Source: 3B14001-01**			Prepared & Analyzed: 02/14/13						
C6-C12	986	26.0	mg/kg dry	1040	ND	94.7	75-125			
>C12-C28	846	26.0	"	1040	32.5	78.1	75-125			
>C28-C35	ND	26.0	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	*89.0*		"	*104*		*85.4*	*70-130*			
Surrogate: o-Terphenyl	*42.4*		"	*52.1*		*81.4*	*70-130*			
Matrix Spike Dup (EB31501-MSD1)	**Source: 3B14001-01**			Prepared: 02/14/13 Analyzed: 02/15/13						
C6-C12	1030	26.0	mg/kg dry	1040	ND	98.7	75-125	4.19	20	
>C12-C28	842	26.0	"	1040	32.5	77.7	75-125	0.511	20	
>C28-C35	ND	26.0	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	*96.6*		"	*104*		*92.8*	*70-130*			
Surrogate: o-Terphenyl	*44.7*		"	*52.1*		*85.8*	*70-130*			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 2/15/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720
Fax No:
Sampler Signature: Jonathan Repman
e-mail: jrepman@novatraining.cc
curt.stanley@sug.com

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 3B13001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	W/W-3 @ 13'			2/12/2013	15:30		1	x								S	X								X			X				X

Special Instructions:

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 by Sampler/Client Rep. ?	N
by Courier? UPS DHL FedEx Lone Star	

Temperature Upon Receipt:
Received: 3.5 °C
Adjusted: °C Factor N/F

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	2/13/13	9:25			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				2/13/13	9:25

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
Nova Safety & Environment
2057 Commerce
Midland, TX 79703

Project: SUG Chicken Farm
Project Number: [none]
Location: Lea, Co., New Mexico

Lab Order Number: 3B14001

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-12-1

Report Date: 02/15/13

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ET-1A @ 13'	3B14001-01	Soil	02/13/13 15:00	02-14-2013 09:20

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

ET-1A @ 13'

3B14001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**51.1**	1.04	mg/kg dry	1	EB31503	02/15/13	02/15/13	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	EB31502	02/14/13	02/15/13	% calculation	

Nova Safety & Environment	Project: SUG Chicken Farm	Fax: (432) 520-7701
2057 Commerce	Project Number: [none]	
Midland TX, 79703	Project Manager: Jonathan Repman	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB31502 - * DEFAULT PREP *****										
Blank (EB31502-BLK1)				Prepared: 02/14/13 Analyzed: 02/15/13						
% Moisture	ND	0.1	%							
Duplicate (EB31502-DUP1)		**Source: 3B14001-01**		Prepared: 02/14/13 Analyzed: 02/15/13						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Batch EB31503 - * DEFAULT PREP *****										
Blank (EB31503-BLK1)				Prepared & Analyzed: 02/15/13						
Chloride	ND	1.00	mg/kg wet							
LCS (EB31503-BS1)				Prepared & Analyzed: 02/15/13						
Chloride	10.3		mg/kg Wet	10.0		103	80-120			
LCS Dup (EB31503-BSD1)				Prepared & Analyzed: 02/15/13						
Chloride	10.3		mg/kg Wet	10.0		103	80-120	0.553	20	
Duplicate (EB31503-DUP1)		**Source: 3B13001-01**		Prepared & Analyzed: 02/15/13						
Chloride	169	1.05	mg/kg dry		169			0.0498	20	
Matrix Spike (EB31503-MS1)		**Source: 3B13001-01**		Prepared & Analyzed: 02/15/13						
Chloride	266	1.05	mg/kg dry	92.1	169	106	80-120			

Nova Safety & Environment
2057 Commerce
Midland TX, 79703

Project: SUG Chicken Farm
Project Number: [none]
Project Manager: Jonathan Repman

Fax: (432) 520-7701

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 2/15/2013

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Jonathan Repman
Company Name: Nova Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720
Fax No:
Sampler Signature: Jonathan Repman
e-mail: jrepman@novatraining.cc
curt.stanley@sug.com

Project Name: SUG Chicken Farm
Project #:
Project Loc: Lea, Co., New Mexico
PO #:
Report Format: [x] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 3614001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M	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 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	ET-1A @ 13'			2/13/2013	1506		1	x								S												X			X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Repman	2/14/13	8:20			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	2/14/13	9:20

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 2.5 °C Factor NCF

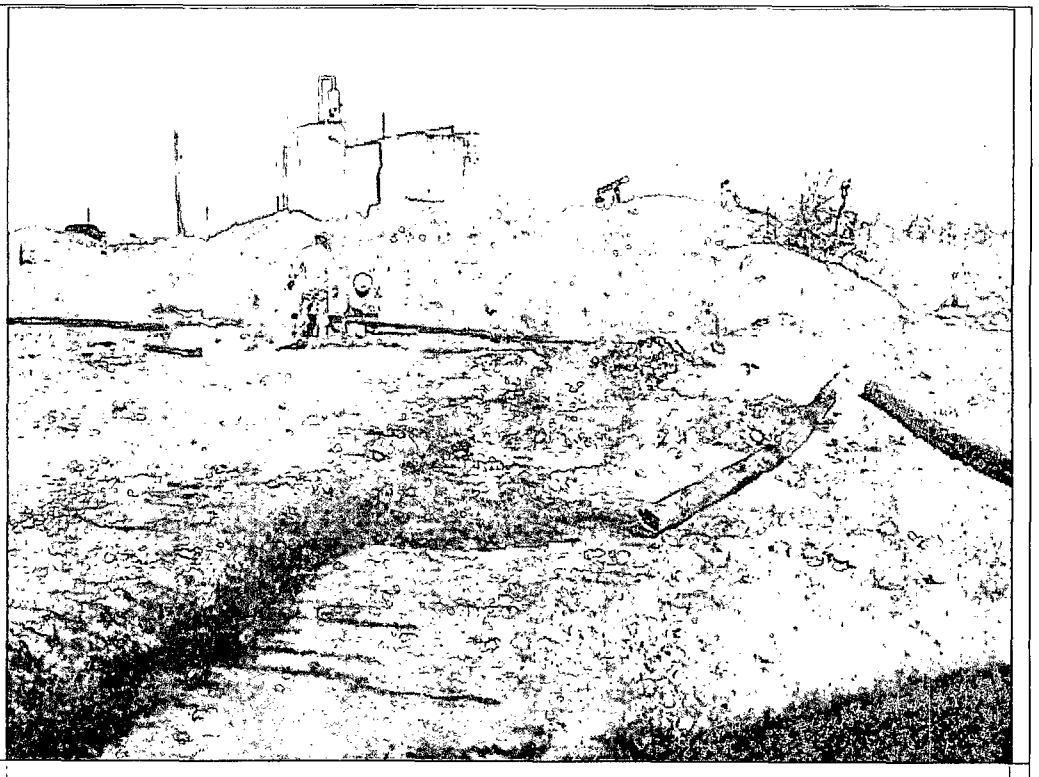
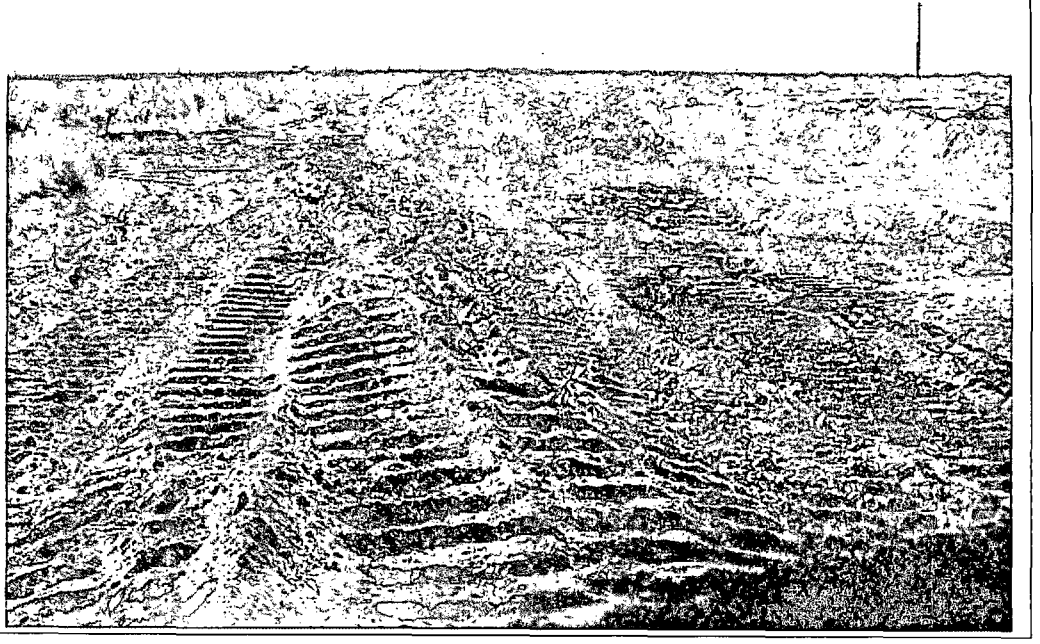
Appendix B
Photographs

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

Photograph No. 1 **Date:** **12/3/2013** **Direction:** **North** **Description:** **Release Point**	
Photograph No. 2 **Date:** **12/3/2012** **Direction:** **South** **Description:** **Extent of the spill from the pipeline**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

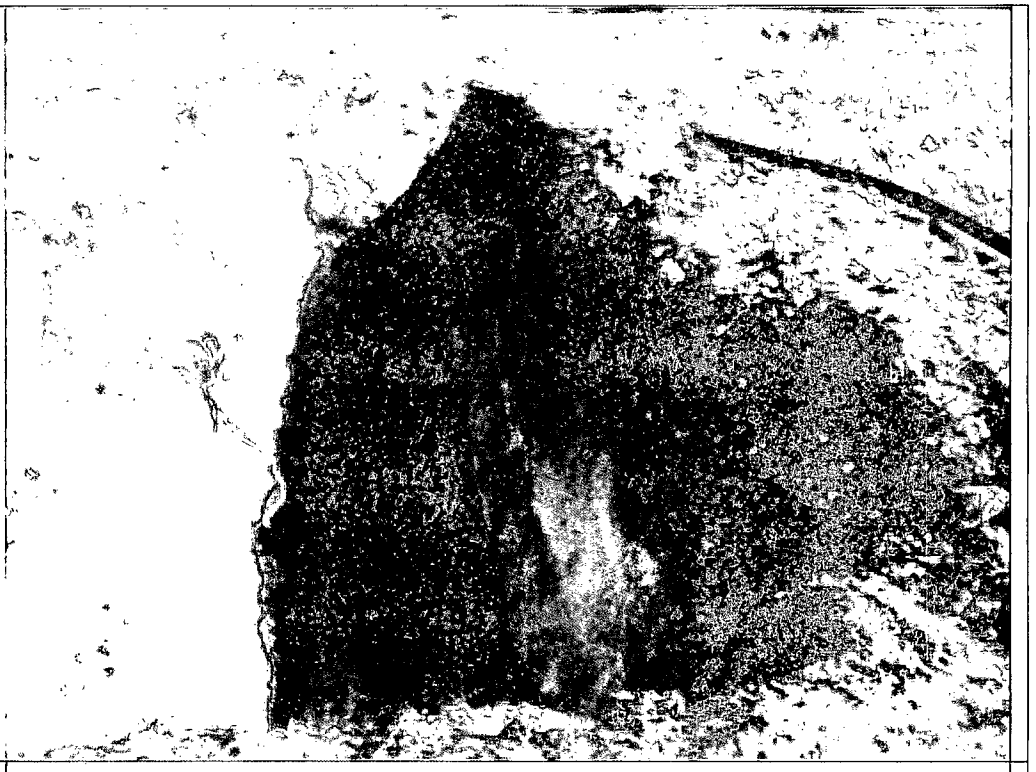
Photograph No. 3 **Date:** **12/6/2012** **Direction:** **North** **Description:** **Joint Repair**	
Photograph No. 4 **Date:** **1/16/2013** **Direction:** **Southeast** **Description:** **Excavation**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

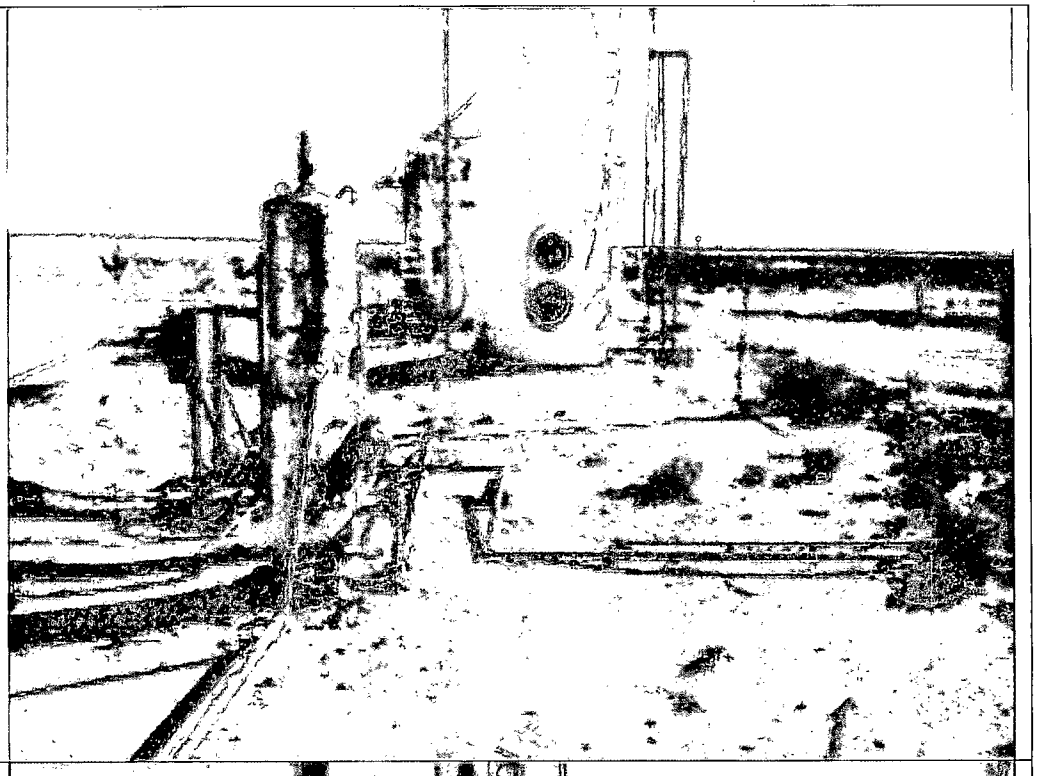
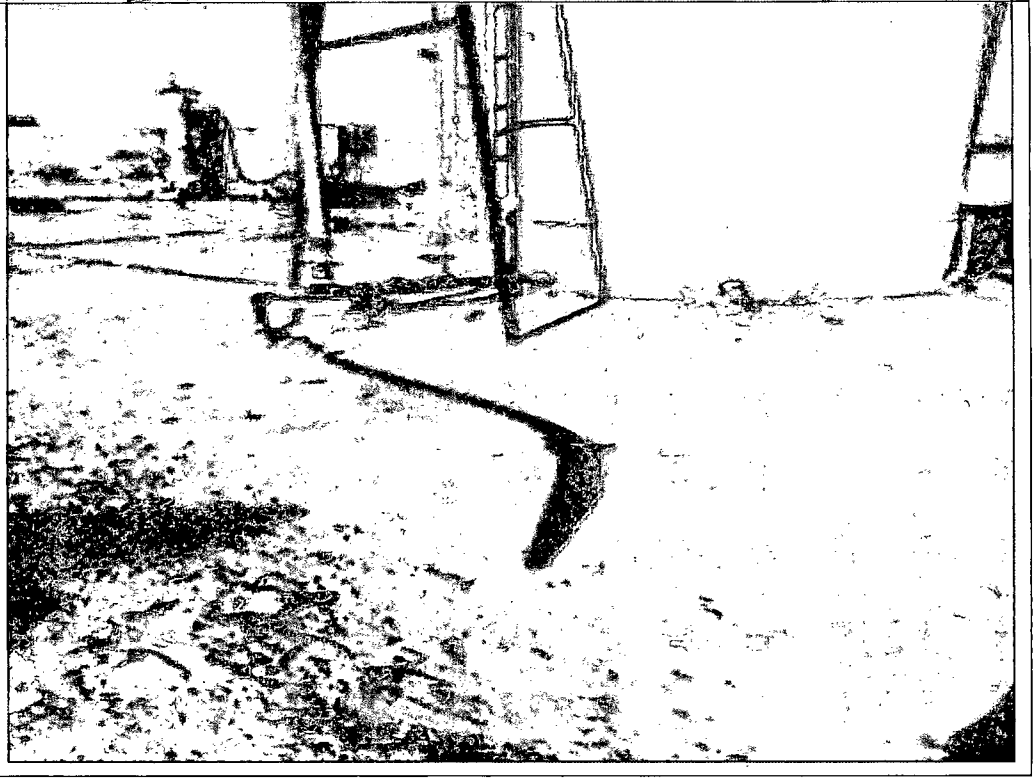
Photograph No. 5 **Date:** **1/16/2013** **Direction:** **East** **Description:** **Trench to the north of the pipeline**	
Photograph No. 6 **Date:** **1/16/2013** **Direction:** **North** **Description:** **Excavation**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

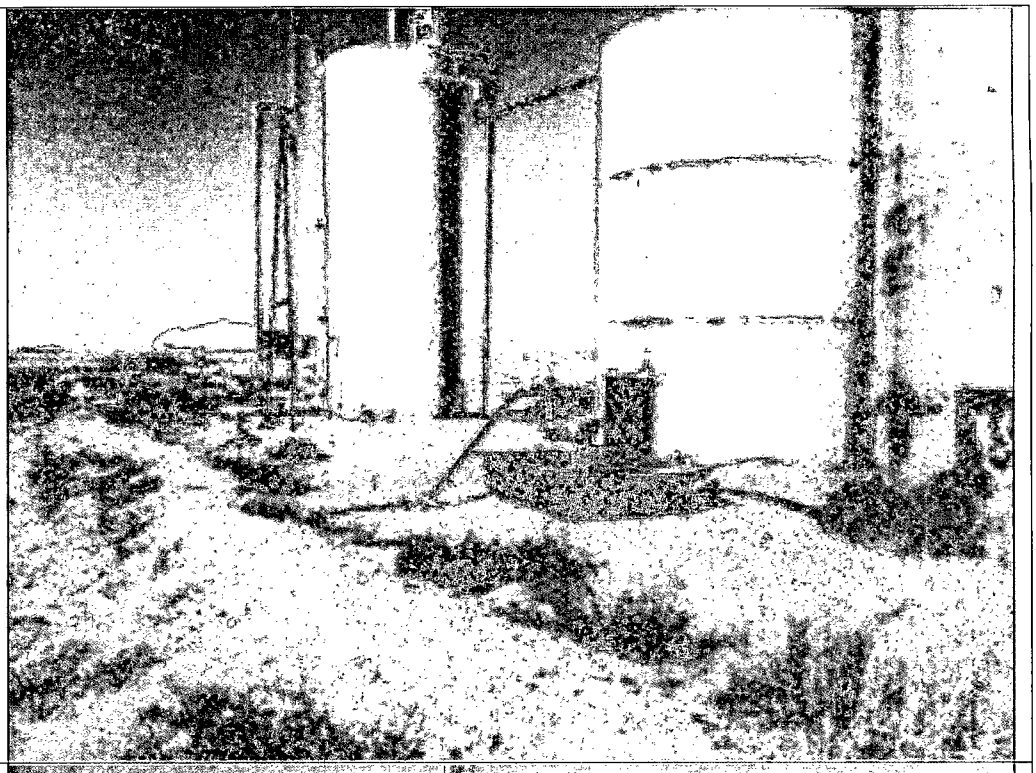
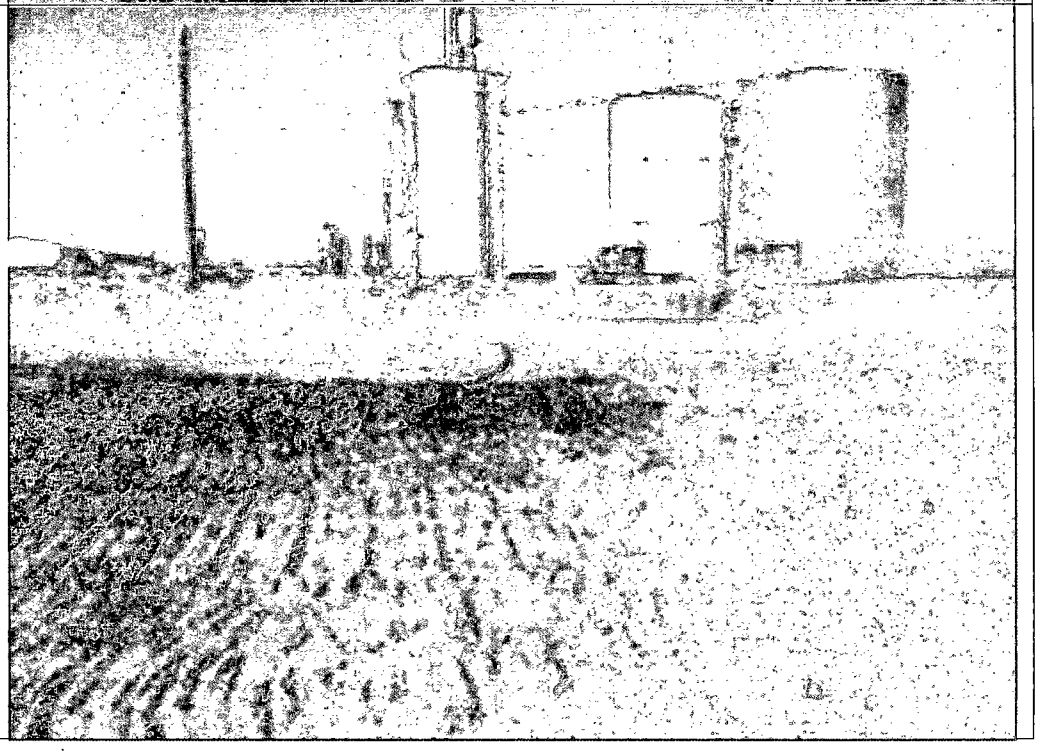
Photograph No. 7 **Date:** **1/16/2013** **Direction:** **Southeast** **Description:** **Tank battery**	
Photograph No. 8 **Date:** **1/16/2013** **Direction:** **North** **Description:** **Clamp used to repair a tank battery pipeline north of the excavation.**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

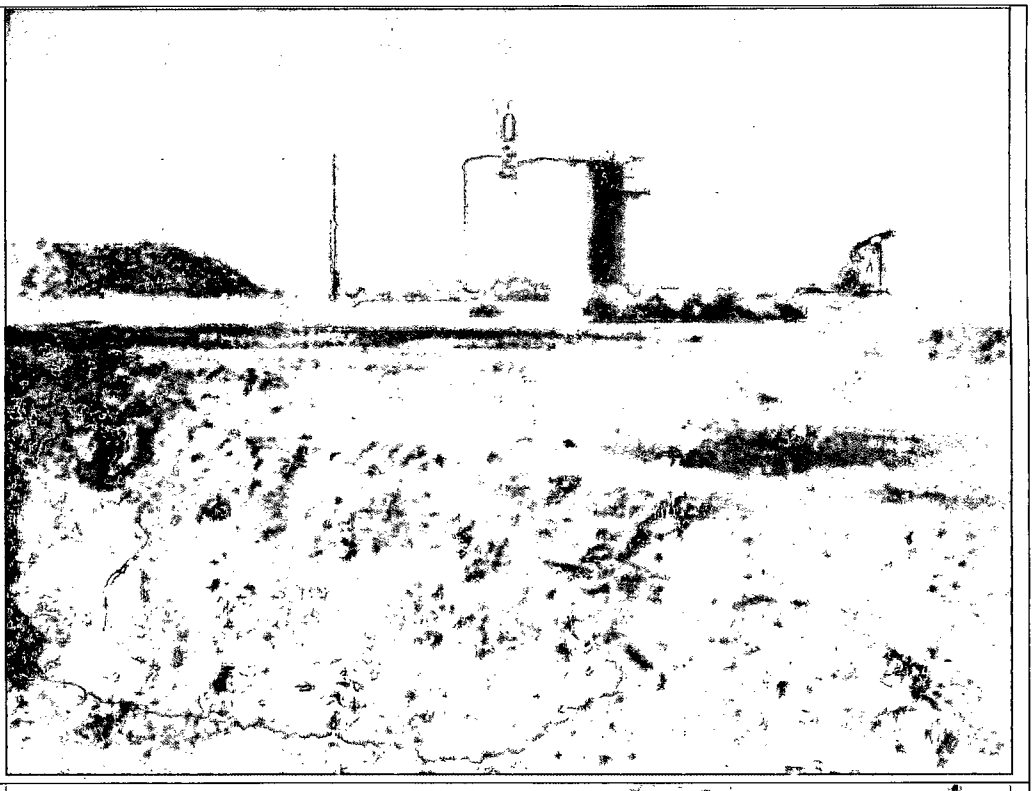
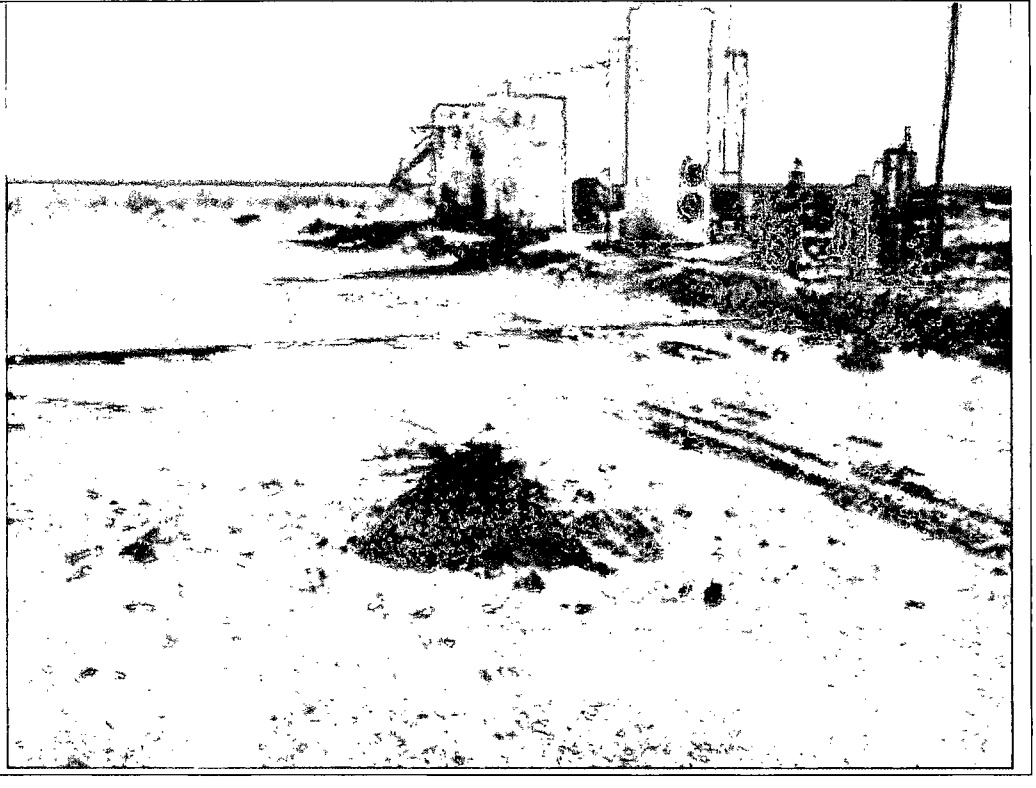
Photograph No. 9 **Date:** **1/16/2013** **Direction:** **North** **Description:** **Separator tub with piping towards a broke pipeline along a road.**	
Photograph No. 10 **Date:** **1/16/2013** **Direction:** **North** **Description:** **Tank battery with a detached polyline where the soil was stockpiled by Frank Hernandez to the north of the excavation**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

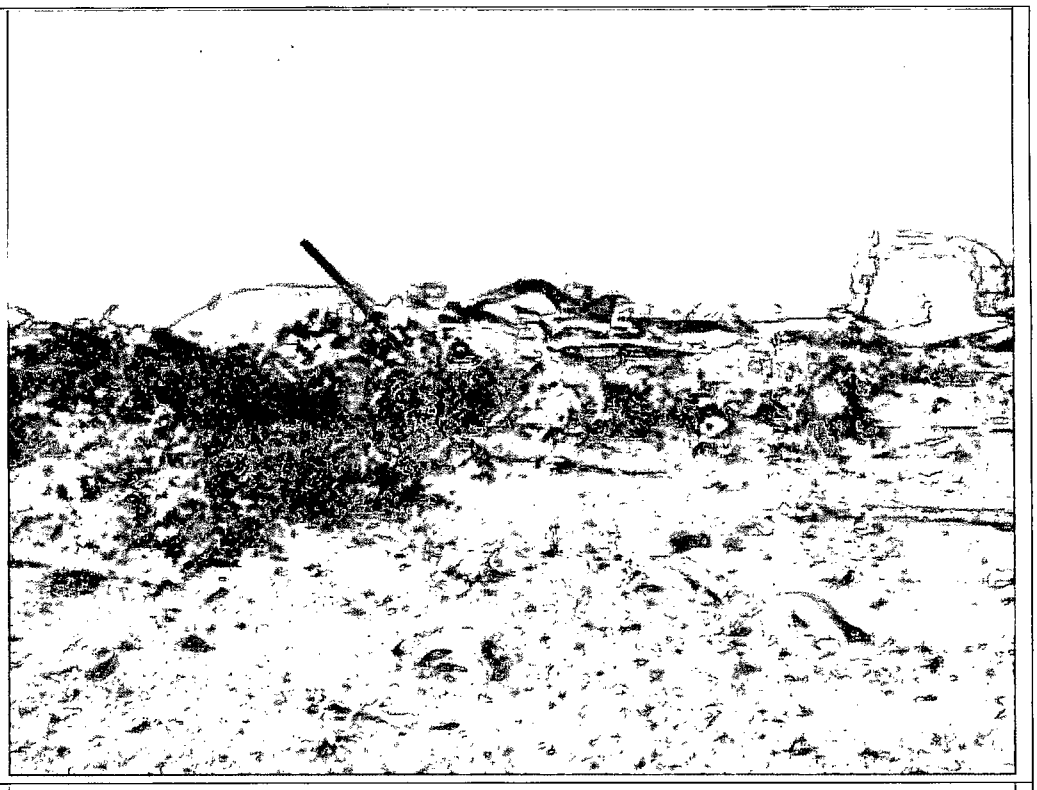
Photograph No. 11 **Date:** **1/16/2013** **Direction:** **Northwest** **Description:** **Area where test trenches are located**	
Photograph No. 12 **Date:** **1/16/2013** **Direction:** **South** **Description:** **Looking from the well head toward the north side of the tank battery**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

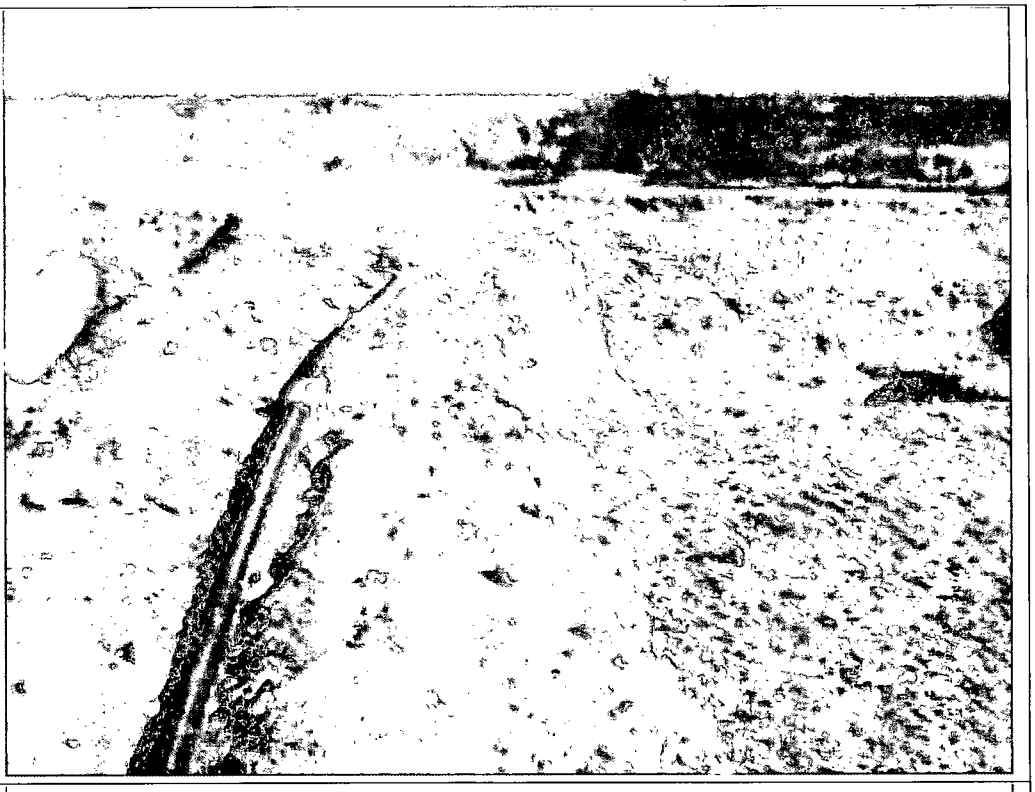
Photograph No. 13 **Date:** **1/16/2013** **Direction:** **West** **Description:** **Debris surrounding** **the excavation**	
Photograph No. 14 **Date:** **1/16/2013** **Direction:** **West** **Description:** **Debris surrounding** **the excavation**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

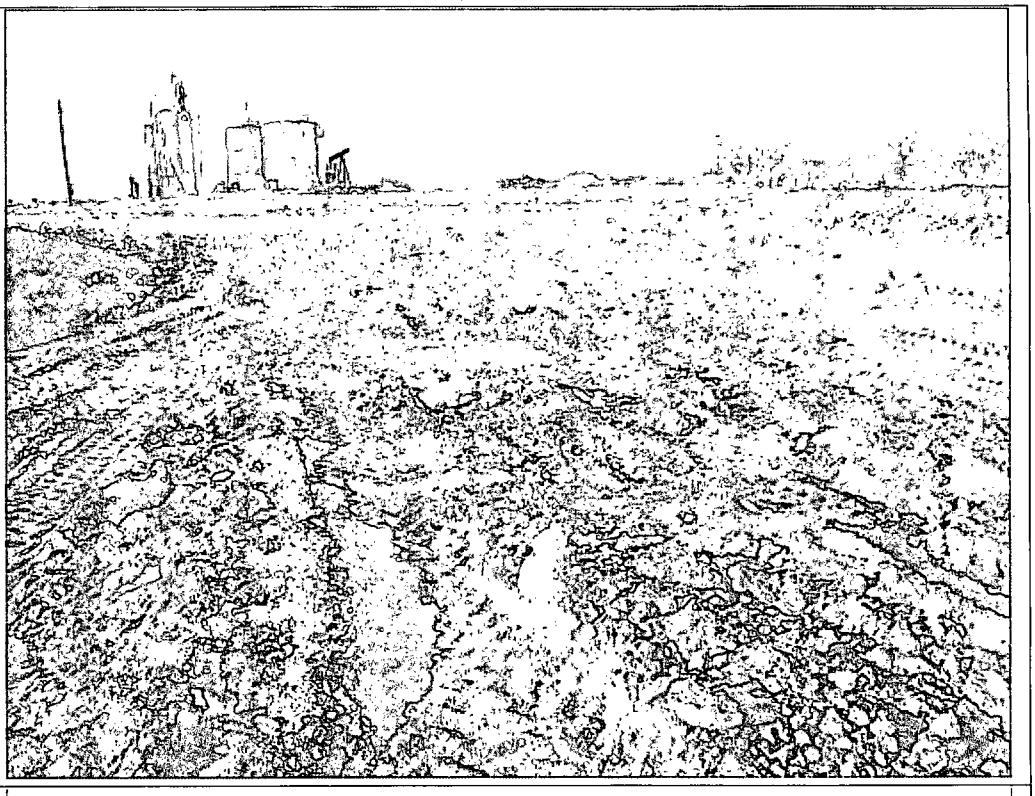
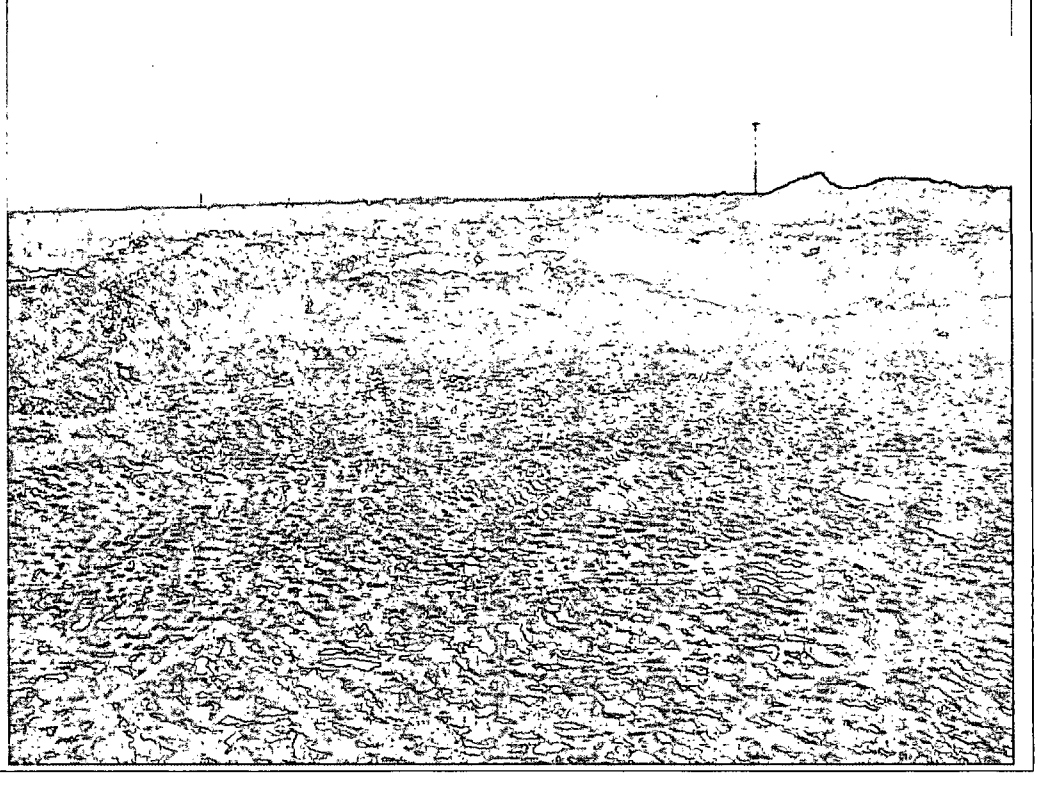
Photograph No. 15 **Date:** **1/16/2013** **Direction:** **East** **Description:** **Plug underneath the pipeline to prevent any further damage to the pipeline**	
Photograph No. 16 **Date:** **1/16/2013** **Direction:** **East** **Description:** **North side of the excavation**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

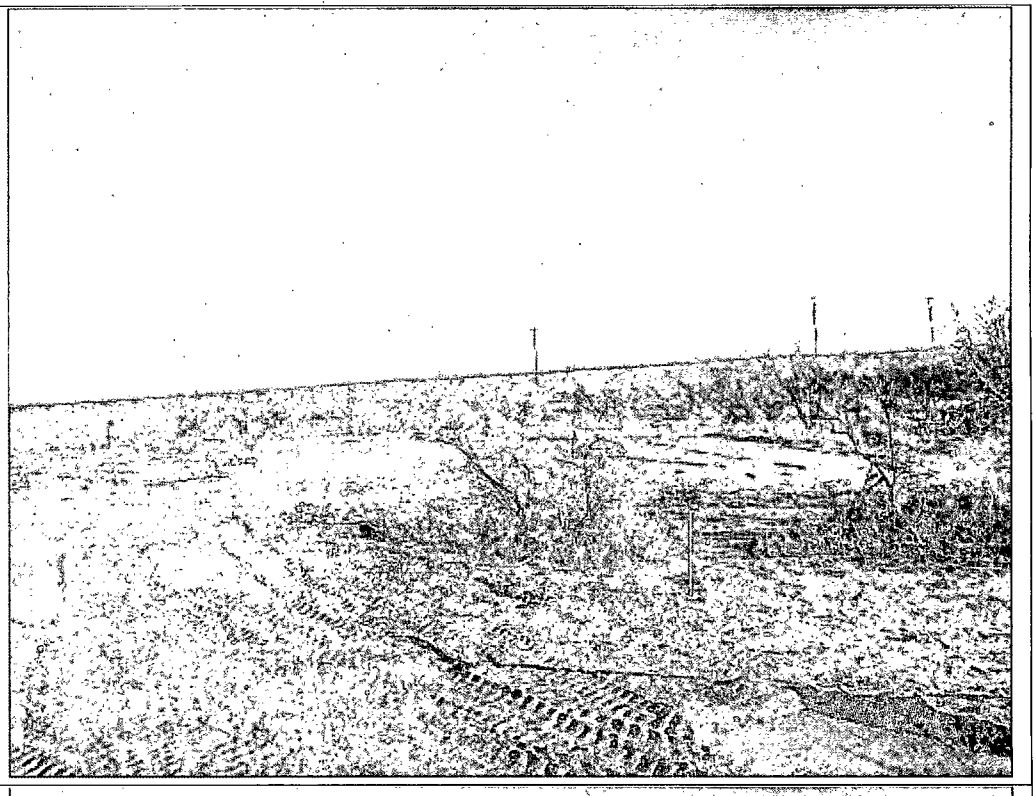
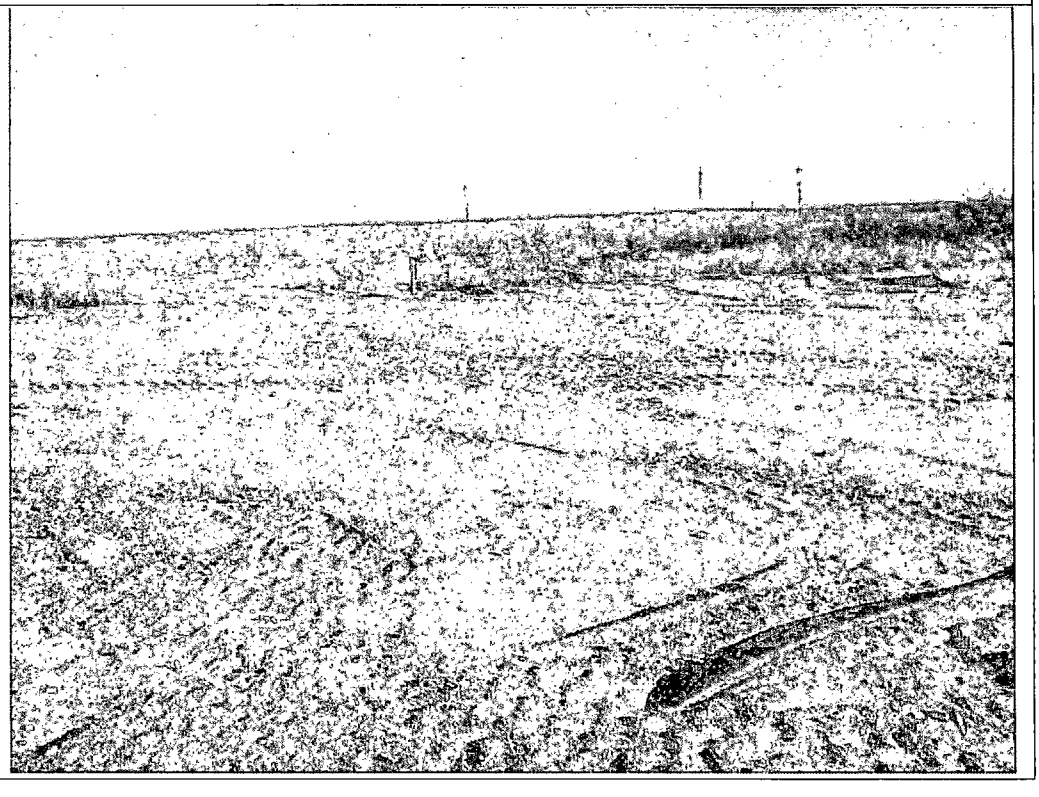
Photograph No.17 **Date:** **2/15/2013** **Direction:** **North** **Description:** **Backfill of main excavation**	
Photograph No. 18 **Date:** **2/15/2013** **Direction:** **South** **Description:** **Backfill of main excavation**	

NOVA
safety and environmental

Photographic Documentation

Client: Southern Union Gas Services (SUGS)
Project Name: Chicken Farm 6 Inch Lateral

Prepared by: NOVA
Location: Lea Co. NM

Photograph No. 19 **Date:** **2/15/2013** **Direction:** **East** **Description:** **Backfill of East** **Trench**	
Photograph No. 20 **Date:** **2/15/2013** **Direction:** **East** **Description:** **Backfill to the North of the main** **excavation**	

Appendix C
Soil Disposal Manifests

5/

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235715

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	Aaron's TRK
TIME	11:52 AM/PM
DATE:	2/12/2013
VEHICLE NO:	254
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: o/p

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, 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 above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: H. CH
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235642

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: 60" LCF

TRANSPORTER COMPANY: A & S Trucking | TIME 8:08 (AM)/PM

DATE: 2.12.2013 VEHICLE NO: 5 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLIG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: C/O

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. : [X] YARD 20 : [ ]

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, 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 above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: Sergio Almeida
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Bowen
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

4/

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235669

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Lo" LCF

TRANSPORTER COMPANY: A-S TRK | TIME 9:54 AM/PM

DATE: 2-12-2013 VEHICLE NO: 5 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: OIL

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, 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 above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: Jose Ornelas
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235640

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Le" LCF

TRANSPORTER COMPANY: Alvidrez | TIME 8:02 (AM)/PM

DATE: 2-12-2013 VEHICLE NO: A-1 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: O/D

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, 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 above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: Cuauhtemoc Alvidrez
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

4Y

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235706

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: Lo" LCF

TRANSPORTER COMPANY: A+S Trk | TIME 11:34 AM/PM

DATE: 2-12-2013 VEHICLE NO: 5 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: clo

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, 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 above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: Eric Conte
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Ramos
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235728

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	Lo" LCF
TRANSPORTER COMPANY:	A-S TRK
TIME:	1:23 AM/PM
DATE:	2-12-13
VEHICLE NO:	5
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: OP

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS._____: [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: _____ (SIGNATURE)

FACILITY REPRESENTATIVE: _____ (SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235668

LEASE OPERATOR/SHIPPER/COMPANY:	SLG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	Alvidrez
TIME	9:53 AM/PM
DATE: 2-12-2013 VEHICLE NO:	A-1
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: OIL

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Carlos L. Alvidrez
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

3/

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235710

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: 60' LCF

TRANSPORTER COMPANY: Alvidrez | TIME 11:44 (AM)/PM

DATE: 2/12/2013 VEHICLE NO: A-1 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLIG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: OIS

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Carlos A. Alvidrez
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235735

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: 6" LCF

TRANSPORTER COMPANY: Alvidrez | TIME 1:35 AM/PM

DATE: 2-12-2013 VEHICLE NO: A-1 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: C/O

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS._____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Carlos A Alvidrez
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Roney
(SIGNATURE)

White - Sundance | Canary - Sundance Acct #1 | Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235641

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: 6" LCF

TRANSPORTER COMPANY: Camacho Trucking | TIME 8:06 AM/PM

DATE: 2-12-2013 VEHICLE NO: 720 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: O/D

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Bonner
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235667

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: 16" LCF

TRANSPORTER COMPANY: Camacho TRK | TIME 9:51 (AM)/PM

DATE: 2-12-2013 VEHICLE NO: 720 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: O/O

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. : [X] YARD 20 : [ ]

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____ (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Rowe (SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

4

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235705

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: 6" LCF

TRANSPORTER COMPANY: Camacho | TIME 11:32 AM/PM

DATE: 2/12/2013 VEHICLE NO: 720 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: DID

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Ramey
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235727

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: Lo" LCF

TRANSPORTER COMPANY: Comanche | TIME 1:20 AM/PM

DATE: 2/12/2012 VEHICLE NO: 720 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLIG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: oil

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235639

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	10" LCF
TRANSPORTER COMPANY:	A+S TRK
TIME	8:00 (AM/PM)
DATE: 2-12-2013 VEHICLE NO:	4
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLIG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: 010

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. : [X] YARD 20 : [ ]

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: J Lucio
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235666

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	A-S TRK
TIME	9:50 (AM)/PM
DATE:	2.12.2013
VEHICLE NO:	4
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: OIL

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235702

LEASE OPERATOR/SHIPPER/COMPANY:	SLG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	A + S TRK
TIME	11:24 AM/PM
DATE: 2/17/2012 **VEHICLE NO:**	4
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: oil

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] **BBLS.** _____ : [X] **YARD** 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235726

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: "6" LCF

TRANSPORTER COMPANY: A-S TRK | TIME 1:17 AM/PM

DATE: 2/12/2012 VEHICLE NO: 4 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLIG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: OIL

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, 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 above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: T. Koch
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Brown
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235596

LEASE OPERATOR/SHIPPER/COMPANY:	SLG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	Kyle Lucas TK
TIME	3:30 AM/PM
DATE:	2-11-2013
VEHICLE NO:	R. L.
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: oil

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235597

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	Brown's TKT
TIME 3:31 AM/PM	
DATE: 2/11/2013 **VEHICLE NO:**	
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLIG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: 210

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235605

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	Lo" LCF
TRANSPORTER COMPANY:	Quezada Trk
TIME	4:15 AM/PM
DATE: 2/11/2013 VEHICLE NO:	7
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLIG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: C/D

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: JAIME QUEZADA
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235606

LEASE OPERATOR/SHIPPER/COMPANY:	SLG
LEASE NAME:	10" LCF
TRANSPORTER COMPANY:	Carmacho TKK
TIME:	4:17 AM/PM
DATE:	2/11/2013
VEHICLE NO:	720
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: D/D

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Chris Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 225498

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: LCU LCF

TRANSPORTER COMPANY: T & D Rental Service | **TIME** 10:00 AM/PM

DATE: 2-11-2013 **VEHICLE NO:** 01 **GENERATOR COMPANY MAN'S NAME:** C. Shirley

CHARGE TO: SLG | **RIG NAME AND NUMBER**

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: C/O

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235528

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: 6" LCF

TRANSPORTER COMPANY: I + W Rental Services | TIME: 1:37 AM/PM

DATE: 2/11/2013 VEHICLE NO: C1 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: OIL

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235560

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: 10" LCF

TRANSPORTER COMPANY: J & W Rental Services | TIME 1:16 AM/PM

DATE: 2-11-2013 VEHICLE NO: 01 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLIG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: DFO

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235583

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: Ir LCF

TRANSPORTER COMPANY: I-40 Rental Service | TIME 2:5X AM/PM

DATE: 2.11.2013 VEHICLE NO: 04 GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLG | RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: DID

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____ (SIGNATURE)

FACILITY REPRESENTATIVE: _____ (SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

10/

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235499

LEASE OPERATOR/SHIPPER/COMPANY:	SLG
LEASE NAME:	LC" LCF
TRANSPORTER COMPANY:	K-M Lara TRK
TIME:	10:01 AM/PM
DATE: 2-11-2013 VEHICLE NO:	R-L
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SLG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: O/D

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. : [X] YARD 20 : [ ]

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DRIVER: _____ (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero (SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

10

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235530

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	Lo" LCF
TRANSPORTER COMPANY:	R+M Laras Trk
TIME	11:42 AM/PM
DATE: 2-11-2013 **VEHICLE NO:**	K-15
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: C/D

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

10

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235566

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	LCF
TRANSPORTER COMPANY:	R+M Lara's TRK.
TIME	1:52 AM/PM
DATE: 2.11.2013 **VEHICLE NO:**	R.G
GENERATOR COMPANY MAN'S NAME:	C. Swinney
CHARGE TO:	SLIG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: C/O

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] **BBLS.**_____: [X] **YARD** 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235497

LEASE OPERATOR/SHIPPER/COMPANY:	SHG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	Ray Lorus TRK
TIME	9:50 (AM/PM)
DATE: 2-11-2013	VEHICLE NO: K-1
GENERATOR COMPANY MAN'S NAME:	C. Smalley
CHARGE TO:	SHG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: soil

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. : [X] YARD 20 : [ ]

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE 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 SUNDANCE SERVICES, 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 above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: _____ (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Ramos (SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235526

LEASE OPERATOR/SHIPPER/COMPANY:	SHG
LEASE NAME:	LC" LCF
TRANSPORTER COMPANY:	R+M Lucas TK
TIME	11:35 AM/PM
DATE: 2/14/2013 VEHICLE NO:	B-1
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SHG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: C/D

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235565

LEASE OPERATOR/SHIPPER/COMPANY:	SHG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	K-Mac Leon Trk
TIME	1:31 AM/PM
DATE: 2.11.2013	VEHICLE NO: K-1
GENERATOR COMPANY MAN'S NAME:	
CHARGE TO:	SHG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: D&O

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

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SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235591

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	6" LCF
TRANSPORTER COMPANY:	R+M Loras TRK
TIME	3:11 AM/PM
DATE:	2-11-2013
VEHICLE NO:	R-1
GENERATOR COMPANY MAN'S NAME:	C. Stanley
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: O/O

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 235491

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: L" 2 F

TRANSPORTER COMPANY: Alvidrez TRK

TIME 9:48 AM/PM

DATE: 2-11-2013 VEHICLE NO: A-1

GENERATOR COMPANY MAN'S NAME: C. Shirley

CHARGE TO: SLIG

RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[X] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out

Description: CD

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: Cesar A. Alvidrez
(SIGNATURE)

FACILITY REPRESENTATIVE: Chris Ramos
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter