

District I
1625 N. French Dr., Hobbs, NM 88240
District II
301 W. Grand Avenue, Artesia, NM 88210
District III
0 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

HOBBS OCD

AUG 25 2014

Form C-141
Revised October 10, 2003

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

RECEIVED

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

| | | |
|---|-----------------------------|----------------------------------|
| Name of Company: Linn Operating | Contact: Brian Wall | |
| Address: 2130 W. Bender Hobbs, NM 88240 | Telephone No.: 575-738-1739 | |
| Facility Name: MGU 95 Satellite trunk line (MGU 91) | Facility Type: Satellite | |
| Surface Owner: Federal | Mineral Owner: | API No.: Closest well 3002533358 |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| Unit Letter K | Section 03 | Township 17S | Range 32E | Feet from the 1402 | North/South Line South | Feet from the 1449 | East/West Line West | County Lea |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

Latitude: 32.8602098541135 Longitude: -103.7582102834

NATURE OF RELEASE


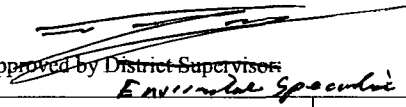
| | | |
|--|---|--|
| Type of Release: Oil | Volume of Release: 20 gallons | Volume Recovered: 0 |
| Source of Release: Poly pipeline | Date and Hour of Occurrence: 06/18/2014 | Date and Hour of Discovery: 06/18/2014 2:30pm |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Jennifer Van Curen- BLM | |
| By Whom? Brian Wall | Date and Hour 06/19/14 0645 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

* If a Watercourse was Impacted, Describe Fully.*:

Describe Cause of Problem and Remedial Action Taken.*: The trunk line for satellite 95 on MGU lease was plugged up hooked up vacuum truck and hot oiler to unplug trunkline and after pumping down trunk line to clear plug out. There was a pin hole in trunkline and while cleaning trunk line up the corrosion and scale where the pin hole was cleaned up also. And started leaking and leak was so small the pressure was unnoticed.

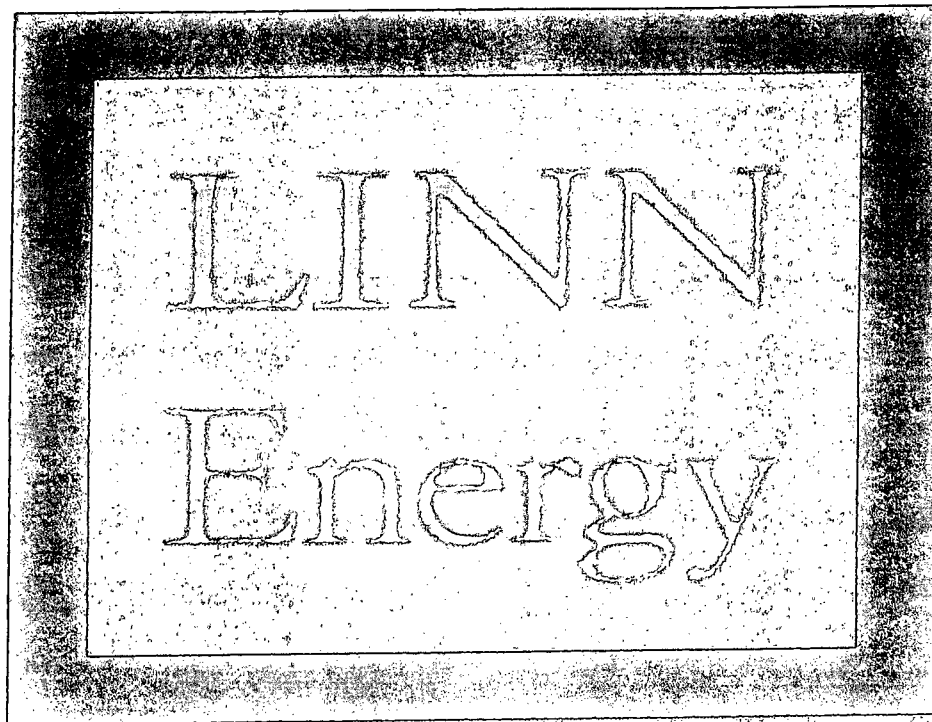
Describe Area Affected and Cleanup Action Taken.*: hole was on top of flowline and caused a spray 50' x 100' the leak was 200' west of MGU well #91. There was no fluid that could be picked up.

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

| | | |
|--|---|--|
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: Brian Wall | Approved by District Supervisor:  | |
| Title: Construction Foreman II | Approval Date: 8-26-14 | Expiration Date: 10-27-14 |
| Email Address: bwall@linenergy.com c: 06/19/2014 Phone: 806-367-0645 | Conditions of Approval: Site Supplement Required Delinquent & structure are as per NMOCD guides Submit final C-141 by 10-27-14 | Attached <input type="checkbox"/> 1 RP- 3273 Original 269324 7701423 848911 7701423 849100 |

Attach Additional Sheets If Necessary

AUG 27 2014



Closure Report

Maljamar Grayburg 095 Trunk Line

API # 3002533358



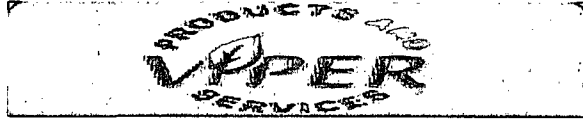


TABLE OF CONTENTS

SECTION ONE - SUMMARY OF ACTIVITIES

SECTION TWO – C-141

SECTION THREE – SITE MAP

SECTION FOUR - PHOTOS

SECTION FIVE - ANALYTICAL LABORATORY REPORTS

SECTION SIX - SEED TICKET



SECTION ONE

SUMMARY OF ACTIVITIES

The Maljamar Grayburg Satellite 095 site was delineated utilizing 8 sample points. (See Site Map) Deepest contamination of chlorides was located at 4 feet on sample point 2. Attached analytical data confirms sampling activities. No Total Petroleum Hydrocarbons were found at actionable levels below the surface.

A polygon was excavated around Sample Point 2 to a depth of 4 feet. The excavated polygon around Sample Point 4 reached 2'. (See Excavation Plan in Site Map Section)

Sidewall samples were taken in order to ensure no actionable levels of chlorides remained. (See Analytical Section)

Dead vegetation was removed and entire release area was cultivated and sprayed with VREW 9250, an environmentally friendly formulation of digestive enzymes that breaks down and dissolves oil and grease. The non-hazardous enzymes perform bio-remediation in-situ, breaking down the hydrocarbons which, in turn, fertilize the soil.

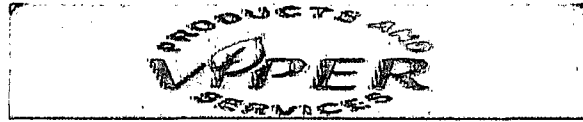
70 cubic yards of clean topsoil was brought in to replace the contaminated soil remediated. The new topsoil was contoured and cultivated to surrounding ground level and seeded with 22 pounds of BLM #2 seed mix. (See Photo section)

Site was seeded on 7/12/2014. (See Seed Ticket)



SECTION TWO

C-141



SECTION THREE

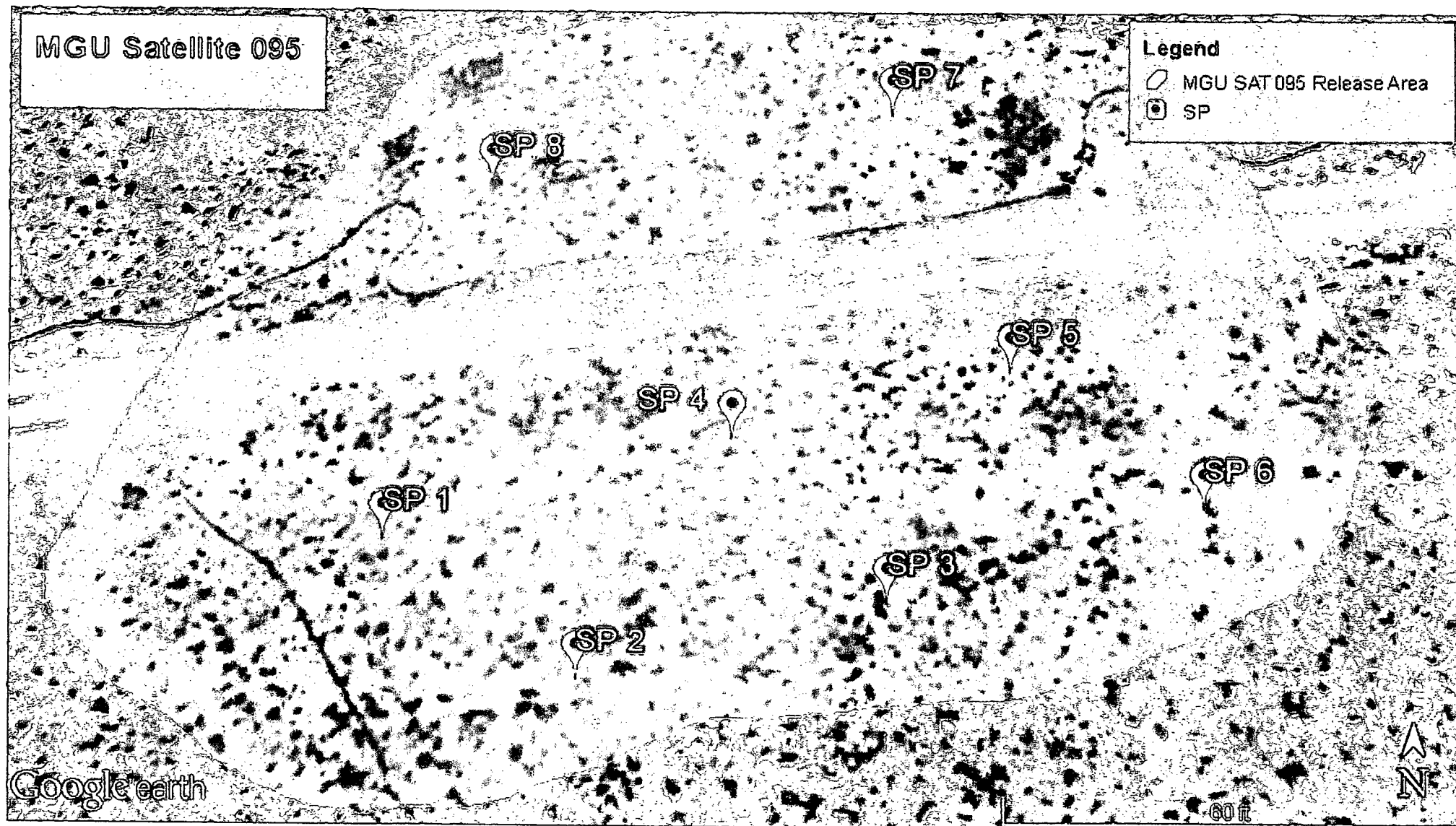
SITE MAP

MGU Satellite 095

Legend

MGU SAT 095 Release Area

SP



Excavation Plan

Legend

- 2' Deep Excavation
- 4' Deep Excavation
- MGU SAT 085 Release Area

SP 2

SP 4

Google earth

70 ft

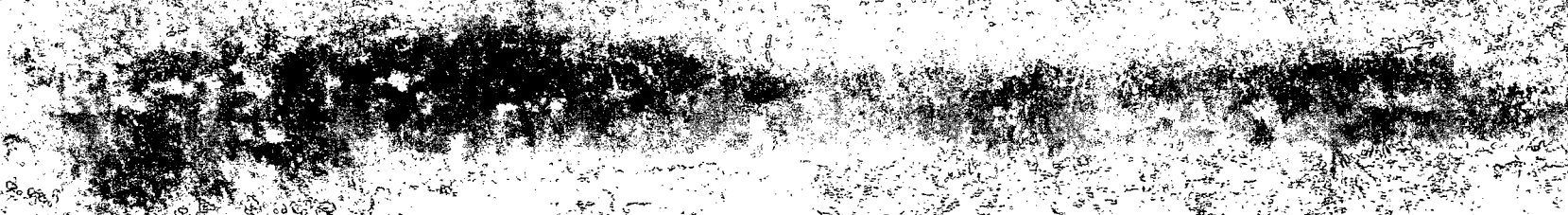


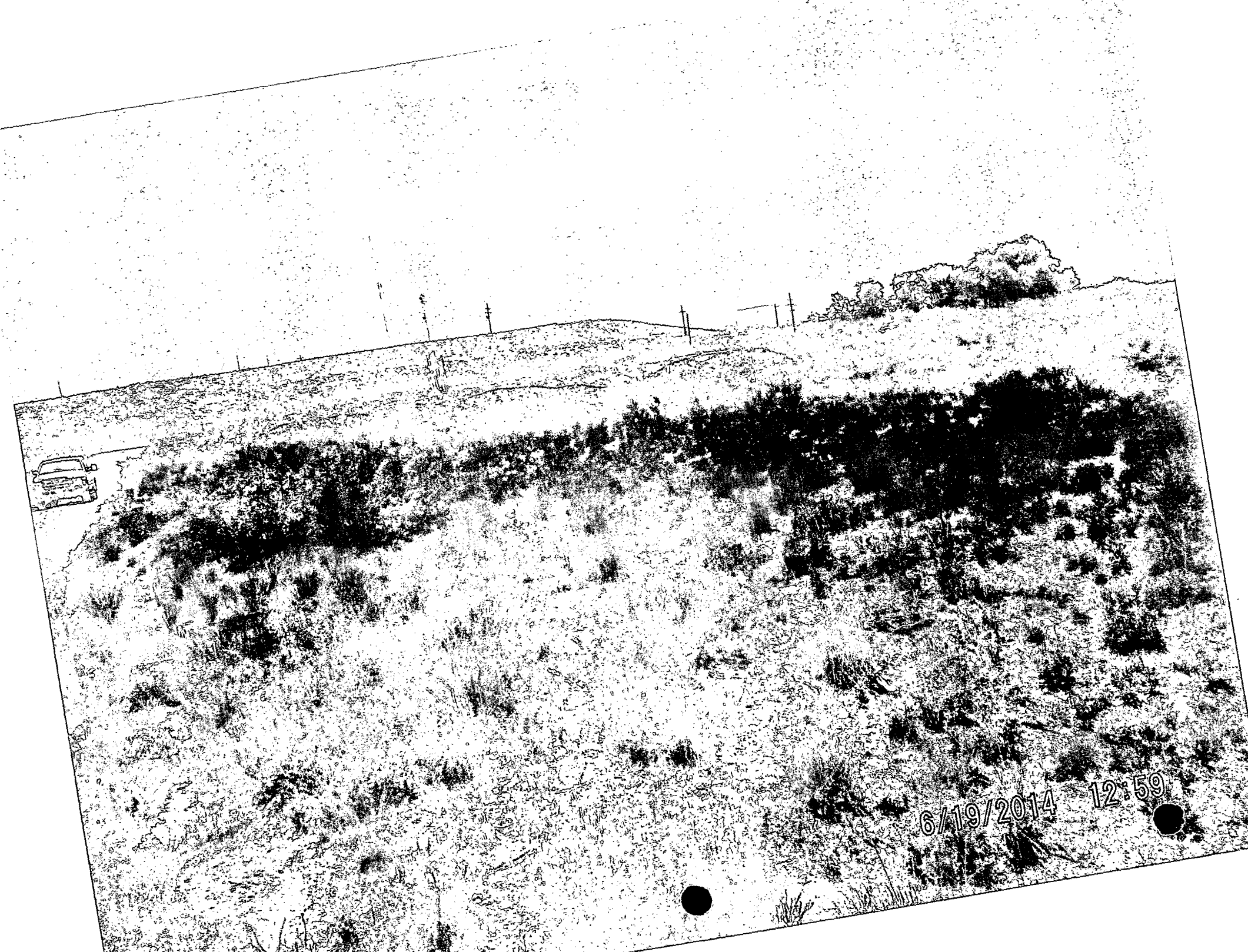


SECTION FOUR

PHOTOS

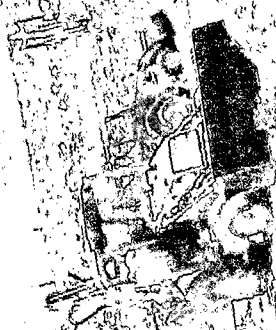
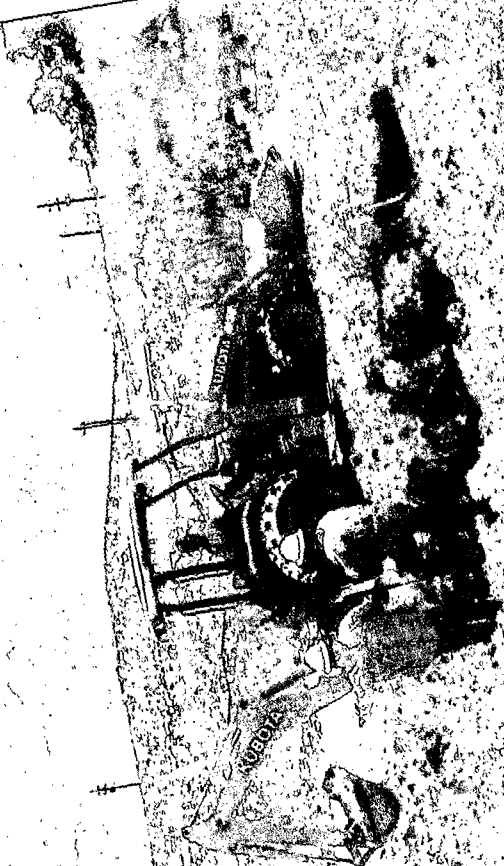
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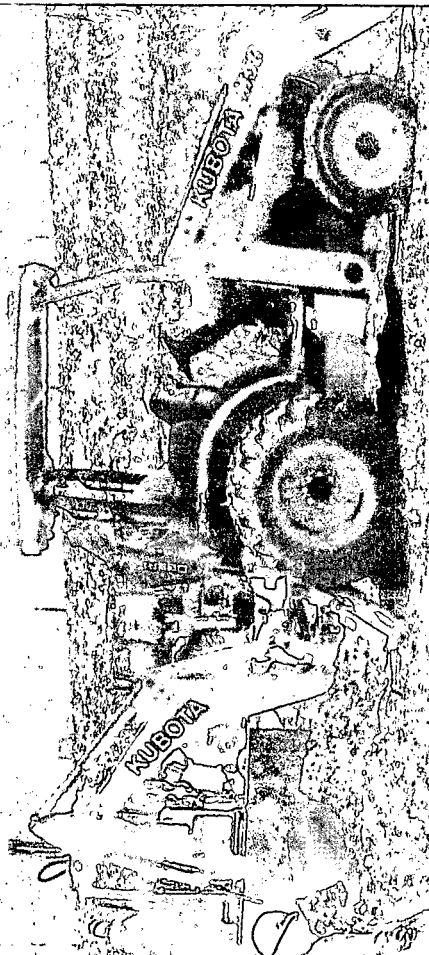




6/19/2014 12:59

7/ 8/2014 14:02

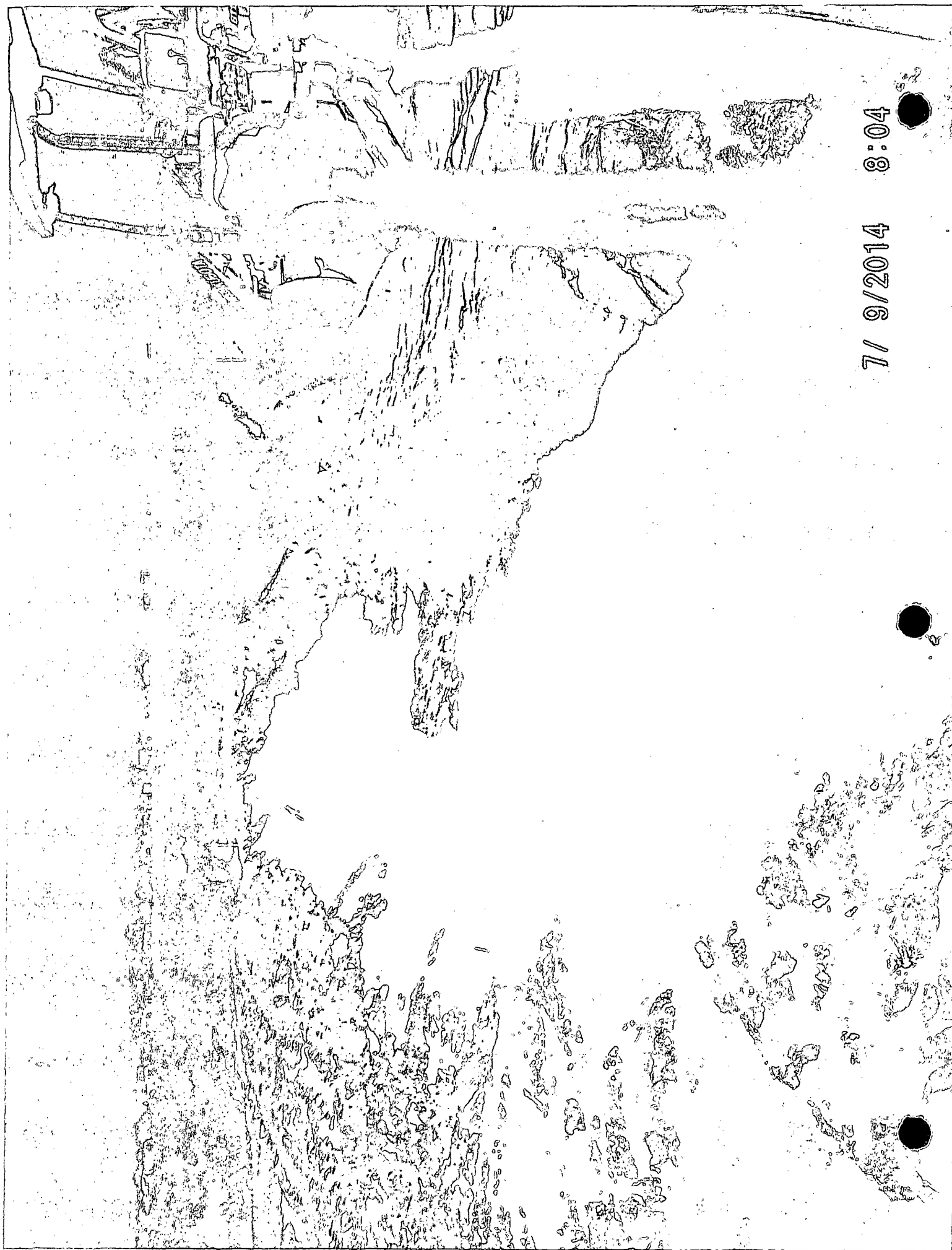




7/ 8/2014 14:02

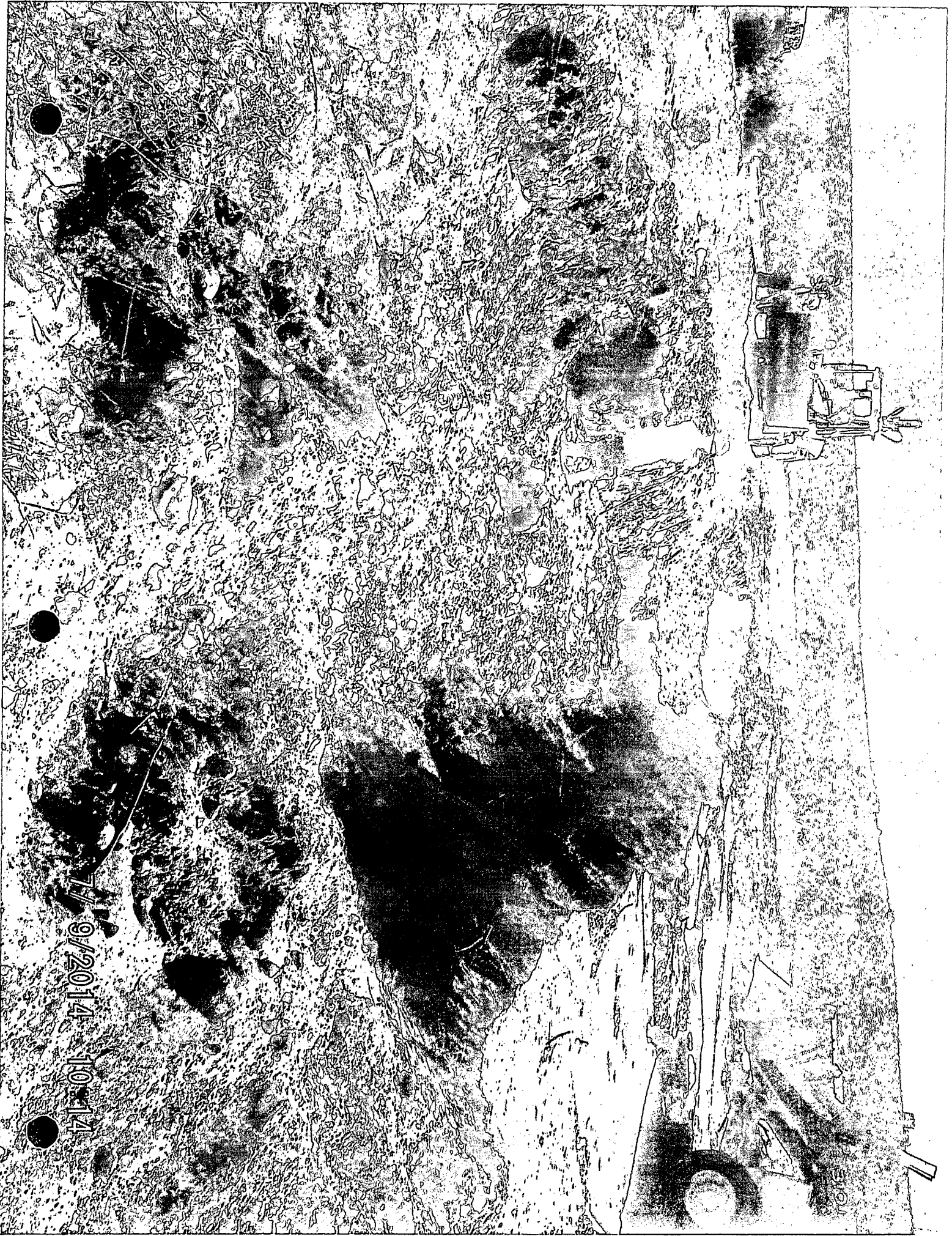
8:04

7/ 9/2014





7/ 9/2014 10:14



7/9/2014 10:14

7/11/2014 13:06

7/11/2014 18:09



SECTION FIVE

ANALYTICAL LABORATORY REPORTS

PROJECT

MGU Satellite 095

| <u>Sample #</u> | <u>Depth/FT</u> | <u>Chlorides-ppm</u> | <u>TPH-ppm</u> |
|-----------------|-----------------|----------------------|----------------|
| SP1 | Surface | 96 | 276 |
| SP1 | 1 | ND | ND |
| SP2 | Surface | 4880 | 7540 |
| SP2 | 4 | 64 | 33.9 |
| SP3 | Surface | 272 | 824 |
| SP3 | 1 | 16 | 18.7 |
| SP4 | Surface | 2280 | 2340 |
| SP4 | 2 | 32 | 13.3 |
| SP5 | Surface | 32 | 38.3 |
| SP5 | 1 | ND | ND |
| SP6 | Surface | 48 | 11.2 |
| SP6 | 1 | ND | ND |
| SP7 | Surface | ND | ND |
| SP7 | 1 | ND | ND |
| SP8 | Surface | 16 | ND |
| SP8 | 1 | ND | ND |



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

July 15, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: MALJAMAR GRAY BURG UNIT SATELLITE #095

Enclosed are the results of analyses for samples received by the laboratory on 07/08/14 16:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 07/08/2014 | Sampling Date: | 07/08/2014 |
| Reported: | 07/15/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SW 1 @ SURFACE 2' (H402078-01)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 07/11/2014 | ND | 400 | 100 | 400 | 7.69 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 07/11/2014 | ND | 184 | 92.0 | 200 | 1.00 | | |
| DRO >C10-C28 | 10.7 | 10.0 | 07/11/2014 | ND | 198 | 99.0 | 200 | 0.155 | | |

Surrogate: 1-Chlorooctane 88.3 % 65.2-140
Surrogate: 1-Chlorooctadecane 92.2 % 63.6-154

Sample ID: SW 2 @ SURFACE 1' (H402078-02)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 07/11/2014 | ND | 400 | 100 | 400 | 7.69 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 07/11/2014 | ND | 184 | 92.0 | 200 | 1.00 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 07/11/2014 | ND | 198 | 99.0 | 200 | 0.155 | | |

Surrogate: 1-Chlorooctane 87.1 % 65.2-140
Surrogate: 1-Chlorooctadecane 92.2 % 63.6-154

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*=Accredited Analyte

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager



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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 07/08/2014 | Sampling Date: | 07/08/2014 |
| Reported: | 07/15/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SW 3 @ SURFACE 1' (H402078-03)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/11/2014 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 07/11/2014 | ND | 184 | 92.0 | 200 | 1.00 | |
| DRO >C10-C28 | <10.0 | 10.0 | 07/11/2014 | ND | 198 | 99.0 | 200 | 0.155 | |
| | | | | | | | | | |
| Surrogate: 1-Chlorooctane | | 93.8 % | 65.2-140 | | | | | | |
| Surrogate: 1-Chlorooctadecane | | 96.7 % | 63.6-154 | | | | | | |

Sample ID: SW 4 @ SURFACE 1' (H402078-04)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/11/2014 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 07/11/2014 | ND | 184 | 92.0 | 200 | 1.00 | |
| DRO >C10-C28 | <10.0 | 10.0 | 07/11/2014 | ND | 198 | 99.0 | 200 | 0.155 | |
| | | | | | | | | | |
| Surrogate: 1-Chlorooctane | | 90.5 % | 65.2-140 | | | | | | |
| Surrogate: 1-Chlorooctadecane | | 93.4 % | 63.6-154 | | | | | | |

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Celeste D. Keene, Lab Director/Quality Manager



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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 07/08/2014 | Sampling Date: | 07/08/2014 |
| Reported: | 07/15/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SW 5 @ SURFACE 2' (H402078-05)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/11/2014 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 07/11/2014 | ND | 184 | 92.0 | 200 | 1.00 | |
| DRO >C10-C28 | <10.0 | 10.0 | 07/11/2014 | ND | 198 | 99.0 | 200 | 0.155 | |
| | | | | | | | | | |
| Surrogate: 1-Chlorooctane | | 88.8 % | 65.2-140 | | | | | | |
| Surrogate: 1-Chlorooctadecane | | 92.3 % | 63.6-154 | | | | | | |

Sample ID: SW 6 @ SURFACE 2' (H402078-06)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/11/2014 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 07/11/2014 | ND | 184 | 92.0 | 200 | 1.00 | |
| DRO >C10-C28 | <10.0 | 10.0 | 07/11/2014 | ND | 198 | 99.0 | 200 | 0.155 | |
| Surrogate: 1-Chlorooctane | | | | | | | | | |
| | 85.9 % | 65.2-140 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | | | | | | | | | |
| | 90.6 % | 63.6-154 | | | | | | | |

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*=Accredited Analyte

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|----------------------|-------------------------|---|-------------|------------|----------|-----|--------|-------|-----------|----------|-------|--------|-------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: <u>Viper Products & Services</u> | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Fred Ramsey</u> | | P.O. #: | | <div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">CL-</div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: | | Company: <u>LENA</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: | State: | Zip: | Attn: <u>Brian Wall</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: | Fax #: | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | Project Owner: | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>Malabar Grayberg Satellite 095</u> | State: | | Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <u>Rebbie Rannels</u> | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | Lab I.D. | Sample I.D. | GRAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV. | SAMPLING | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER | ACID/BASE | ICE/COOL | OTHER | DATE | TIME | | | | | | | | | | | | | | |
| | H4020578 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SW 10 surface 2' | 6 | 1 | | | ✓ | | | | ✓ | | | 7/8/14 | 13:20 | ✓ | ✓ | | | | | | | | | | | | |
| | 2 | SW 20 surface 1' | 6 | 1 | | | ✓ | | | | ✓ | | | 7/8/14 | 13:29 | ✓ | ✓ | | | | | | | | | | | | |
| | 3 | SW 30 surface 1' | 6 | 1 | | | ✓ | | | | ✓ | | | 7/8/14 | 13:44 | ✓ | ✓ | | | | | | | | | | | | |
| | 4 | SW 40 surface 1' | 6 | 1 | | | ✓ | | | | ✓ | | | 7/8/14 | 14:02 | ✓ | ✓ | | | | | | | | | | | | |
| | 5 | SW 50 surface 2' | 6 | 1 | | | ✓ | | | | ✓ | | | 7/8/14 | 14:30 | ✓ | ✓ | | | | | | | | | | | | |
| | 6 | SW 60 surface 2' | 6 | 1 | | | ✓ | | | | ✓ | | | 7/8/14 | 14:48 | ✓ | ✓ | | | | | | | | | | | | |

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| | | | | |
|--|---|---------------------------------|--|----------------|
| Relinquished By: <u>[Signature]</u> | Date: <u>7/8/14</u> | Received By: <u>[Signature]</u> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Time: <u>4:07</u> | | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | Date: | Received By: | REMARKS: | |
| Time: | | | | |
| Delivered By: (Circle One) | Sample Condition | CHECKED BY: | | |
| Sampler - UPS - Bus - Other: <u>4.4° #54</u> | Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | (Initials) <u>KP</u> | | |

Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-232



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June 30, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: MALJAMAR GRAY BURG UNIT SATELLITE #095

Enclosed are the results of analyses for samples received by the laboratory on 06/24/14 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 1 @ SURFACE (H401908-01)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.80 | 89.8 | 2.00 | 1.07 | | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.88 | 94.1 | 2.00 | 1.98 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.68 | 84.0 | 2.00 | 2.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.16 | 86.0 | 6.00 | 2.29 | | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.7 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | | |
| DRO >C10-C28 | 276 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | | |

Surrogate: 1-Chlorooctane 111 % 65.2-140

Surrogate: 1-Chlorooctadecane 131 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 1 @ 1' (H401908-02)

| BTX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.80 | 89.8 | 2.00 | 1.07 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.88 | 94.1 | 2.00 | 1.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.68 | 84.0 | 2.00 | 2.44 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.16 | 86.0 | 6.00 | 2.29 | |
| Total BTX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.8 % 89.4-126

| de, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

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Celestine Keene

Celestine D. Keene, Lab Director/Quality Manager



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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ SURFACE (H401908-03)

| BTX 8021B | | mg/kg | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.80 | 89.8 | 2.00 | 1.07 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.88 | 94.1 | 2.00 | 1.98 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.68 | 84.0 | 2.00 | 2.44 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.16 | 86.0 | 6.00 | 2.29 | |
| Total BTX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 99.2 % 89.4-126

| de, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4880 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | | S-06 |
|--------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <100 | 100 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | | |
| DRO >C10-C28 | 7540 | 100 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | | |

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 277 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 4' (H401908-04)

| BTEx 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.80 | 89.8 | 2.00 | 1.07 | | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.88 | 94.1 | 2.00 | 1.98 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.68 | 84.0 | 2.00 | 2.44 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.16 | 86.0 | 6.00 | 2.29 | | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 96.0 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | | |
| DRO >C10-C28 | 33.9 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | | |

Surrogate: 1-Chlorooctane 111 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ SURFACE (H401908-05)

| BTEX 8021B | | mg/kg | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.4 % 89.4-126

| de, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | | S-04 |
|--------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | | |
| DRO >C10-C28 | 824 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | | |

Surrogate: 1-Chlorooctane 109 % 65.2-140

Surrogate: 1-Chlorooctadecane 170 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 1' (H401908-06)

| BTEX 8021B | | mg/kg | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 96.9 % 89.4-126

| de, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | 18.7 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ SURFACE (H401908-07)

| BTX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 98.0 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2280 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <50.0 | 50.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | | |
| DRO >C10-C28 | 2340 | 50.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | | |

Surrogate: 1-Chlorooctane 112 % 65.2-140

Surrogate: 1-Chlorooctadecane 170 % 63.6-154

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Celeste D. Keene, Lab Director/Quality Manager

Analytical Results For:

 LINN OPERATING-HOBBS
 BRIAN WALL
 2130 W. BENDER
 HOBBS NM, 88240
 Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 4 @ 2' (H401908-08)

| BTEx 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.7 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | 13.3 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

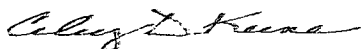
Surrogate: 1-Chlorooctane 105 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ SURFACE (H401908-09)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 96.8 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | 38.3 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 117 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 5 @ 1' (H401908-10)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.5 % 89.4-126

| ide, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

Surrogate: 1-Chlorooctane 106 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 6 @ SURFACE (H401908-11)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.0 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | 11.2 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

Surrogate: 1-Chlorooctane 112 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 6 @ 1' (H401908-12)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 98.0 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | | |

Surrogate: 1-Chlorooctane 105 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 7 @ SURFACE (H401908-13)

| BTX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.6 % 89.4-126

| de, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | | |

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 7 @ 1' (H401908-14)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 96.7 % 89.4-126

| ide, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

Surrogate: 1-Chlorooctane 113 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 8 @ SURFACE (H401908-15)

| BTX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | |
| Total BTX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 97.0 % 89.4-126

| ide, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 162 | 81.0 | 200 | 1.55 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/26/2014 | ND | 187 | 93.5 | 200 | 2.09 | |

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Coley D. Keene, Lab Director/Quality Manager

Analytical Results For:

 LINN OPERATING-HOBBS
 BRIAN WALL
 2130 W. BENDER
 HOBBS NM, 88240
 Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------------|---------------------|---------------|
| Received: | 06/24/2014 | Sampling Date: | 06/24/2014 |
| Reported: | 06/30/2014 | Sampling Type: | Soil |
| Project Name: | MALJAMAR GRAY BURG UNIT SATELLITE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Kathy Perez |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 8 @ 1' (H401908-16)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.90 | 95.2 | 2.00 | 6.78 | | |
| Toluene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.97 | 98.7 | 2.00 | 7.84 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/27/2014 | ND | 1.74 | 86.8 | 2.00 | 8.13 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/27/2014 | ND | 5.36 | 89.4 | 6.00 | 7.95 | | |
| Total BTEX | <0.300 | 0.300 | 06/27/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 96.3 % 89.4-126

| ide, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 06/27/2014 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <10.0 | 10.0 | 06/26/2014 | ND | 176 | 88.0 | 200 | 1.55 | | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/26/2014 | ND | 205 | 102 | 200 | 0.635 | | |

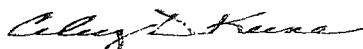
Surrogate: 1-Chlorooctane 79.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 19 of 20

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------|-------------------------|-------------------------------|------------------|------------|-------------------------------------|-----|----------|----------|-------------------------------------|------------|--------|----------------|--------------|-------------------------------------|-------------------------------------|-------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Company Name: <u>Upper</u> | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Fred Ramsey</u> | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: | | Company: <u>LENN</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: State: Zip: | | Attn: <u>Brinn Wall</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: Fax #: | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: Project Owner: | | City: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>Maljinar Gray Burg Unit</u> | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <u>Satellite 095</u> | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | Lab I.D. | Sample I.D. | (GRAB OR (C)OMP. # CONTAINERS | MATRIX | | | | PRESERV. | SAMPLING | | | | | | | | | | | | | | | | | | |
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | | | |
| | <u>4401908</u> | <u>SP1 @ Surface</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | <u>6/24/10</u> | <u>10:42</u> | <u>TPH</u> | <u>CI</u> | <u>BTIX</u> | | | | | | | | | | |
| | <u>1</u> | <u>SP1 @ Surface</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>10:50</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>2</u> | <u>SP1 @ 1'</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>11:14</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>3</u> | <u>SP2 @ Surface</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>12:12</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>4</u> | <u>SP2 @ 4'</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>11:37</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>5</u> | <u>SP3 @ Surface</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>11:40</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>6</u> | <u>SP3 @ 1'</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>12:02</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>7</u> | <u>SP4 @ Surface</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>12:09</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>8</u> | <u>SP4 @ 2'</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>12:28</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>9</u> | <u>SP5 @ Surface</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | <u>12:30</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | |
| | <u>10</u> | <u>SP5 @ 1'</u> | <u>6</u> | | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |

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| | | | | |
|---|--|---------------------------------|--|----------------|
| Relinquished By: <u>[Signature]</u> | Date: <u>6/24/10</u> | Received By: <u>[Signature]</u> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| | Time: <u>7:25</u> | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Relinquished By: | Date: | Received By: | REMARKS: | |
| | Time: | | | |
| Delivered By: (Circle One) | Sample Condition | CHECKED BY: | | |
| Sampler: UPS - Bus - Other: <u>440c</u> | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | (Initials) <u>KP</u> | | |

inal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------|-------------------------|-------------------------------|-------------------------|------------|----------|-----|----------|----------|------------|----------|--------|----------------|--------------|----------|----------|----------|--|--|--|--|--|--|--|--|--|--|
| Company Name: <u>Viper</u> | | BILL-TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Fred Ramsey</u> | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: | | Company: <u>LENV</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: State: Zip: | | Attn: <u>Brian Wall</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: Fax #: | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: Project Owner: | | City: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>Meljean Grayburg Unit</u> | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <u>Satellite 095</u> | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | Lab I.D. | Sample I.D. | (GRAB OR (C)OMP. # CONTAINERS | MATRIX | | | | PRESERV. | SAMPLING | | | | | | | | | | | | | | | | | | |
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE/COOL | OTHER: | DATE | TIME | | | | | | | | | | | | | |
| | <u>H401908</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <u>11</u> | <u>SP6 @ Surface</u> | <u>6</u> | | | <u>✓</u> | | | | | <u>✓</u> | | <u>6/24/04</u> | <u>12:51</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> | | | | | | | | | | |
| | <u>12</u> | <u>SP6 @ 1'</u> | <u>6</u> | | | <u>✓</u> | | | | | <u>✓</u> | | | <u>12:54</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> | | | | | | | | | | |
| | <u>13</u> | <u>SP7 @ Surface</u> | <u>6</u> | | | <u>✓</u> | | | | | <u>✓</u> | | | <u>13:09</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> | | | | | | | | | | |
| | <u>14</u> | <u>SP7 @ 1'</u> | <u>6</u> | | | <u>✓</u> | | | | | <u>✓</u> | | | <u>13:12</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> | | | | | | | | | | |
| | <u>15</u> | <u>SP8 @ Surface</u> | <u>6</u> | | | <u>✓</u> | | | | | <u>✓</u> | | | <u>13:26</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> | | | | | | | | | | |
| | <u>16</u> | <u>SP8 @ 1'</u> | <u>6</u> | | | <u>✓</u> | | | | | <u>✓</u> | | | <u>13:29</u> | <u>✓</u> | <u>✓</u> | <u>✓</u> | | | | | | | | | | |

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| | | | |
|---|---|----------------------------------|--|
| Relinquished By: <u>[Signature]</u> | Date: <u>6/24/04</u> | Received By: <u>[Signature]</u> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No (Add'l Phone #: |
| | Time: <u>4:25</u> | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No (Add'l Fax #: |
| Relinquished By: | Date: | Received By: | REMARKS: |
| | Time: | | |
| Delivered By: (Circle One) | Sample Condition | CHECKED BY: | |
| Sampler - UPS - Bus - Other: <u>440</u> | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | (Initials) <u>[Signature]</u> | |

Final cannot accept verbal changes. Please fax written changes to (575) 393-2326

#34



SECTION SIX

SEED TICKET

Bamert Seed Company Inc.

1097 CR 1018, Muleshoe, TX 79347

(806) 262-9892

Permit # TX00905

Bunk's Feed Barn, LFC Sand Shinnery with ragweed mix B-06151-J1B0

| Description | Pure Seed | Germ | Dormant | Hard Seed | Origin |
|--|---------------------|------------------------|------------------|-----------|--------|
| Bluestem, Big "Kaw" (<i>Andropogon gerardii</i>) | 17.65% | 95.00% | 0.00% | 0.00% | TX |
| Bluestem, Little "Cimarron" (<i>Schizachyrium scoparium</i>) | 7.98% | 80.00% | 8.00% | 0.00% | TX |
| Bluestem, Sand "Woodward" (<i>Andropogon hallii</i>) | 13.80% | 95.00% | 0.00% | 0.00% | TX |
| Bristlegrass, Plains, "VNS" (<i>Setaria vulpiseta</i>) | 14.49% | 90.00% | 0.00% | 0.00% | TX |
| Coreopsis Plains (<i>Coreopsis tinctoria</i>) | 5.39% | 97.00% | 0.00% | 0.00% | TX |
| Droopseed, Sand, "VNS" (<i>Sporobolus cryptandrus</i>) | 2.68% | 95.00% | 3.00% | 0.00% | TX |
| Fourwing saltbush, "VNS" (<i>Atriplex canescens</i>) | 15.59% | 52.00% | 15.00% | 0.00% | NM |
| Ragweed, Western (<i>Ambrosia L.</i>) | 6.79% | 9.00% | 68.00% | 0.00% | KY |
| Purity: 84.37% | Inert Matter: 9.29% | Other Crop Seed: 6.32% | Weed Seed: 0.02% | | |

Noxious Weeds: None

Test Date: 03/2014

Net Wt: 25.00 lbs